

Converting Colors

XYZ(75.9567, 82.6480,
105.4086)

Have a look what the booklet for
XYZ(75.9567, 82.6480, 105.4086)
contains.

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Color

**XYZ(75.9045, 82.4510,
105.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EEFE
RGB	213, 238, 254
RGB Percent	84%, 93%, 100%
CMY	0.1647, 0.0666, 0.0039
CMYK	0.16, 0.06, 0.00, 0.00
HSL	203°, 95%, 92%
HSV	203°, 16%, 100%
XYZ	75.9045, 82.4510, 105.6800
YIQ	232.3490, -20.0360, -0.3240

Conversions

Conversions Part 2

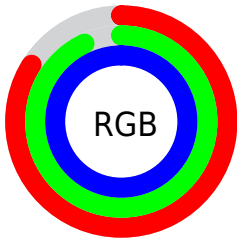
Format	Color
R _Y B	213, 229, 254
Decimal	14020350
CIE Lab	92.77, -4.96, -10.48
CIE LCh	93, 11.595, 244.654
Yxy	82.4510, 0.2875, 0.3123
Android (android.graphics.Color)	4292210430 (0xFFD5EEFE)
YUV	232.3490, 10.6739, -16.9691
Hunter-Lab	90.8025, -9.6910, -5.4425

Details

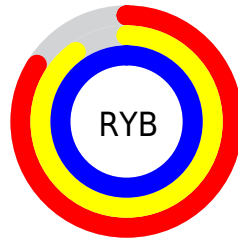
The XYZ color **75.9045, 82.4510, 105.6800** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.9032, 81.9133, 74.4992**, and the grayscale version is **76.8984, 80.9031, 88.1035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9065, 44.7562, 59.3061** is the 20% darker color. If you saturate the color by 10%, you get **66.3003, 73.3358, 104.4281**, and if you desaturate by 10%, it is **86.8263, 92.4855, 107.0425**.

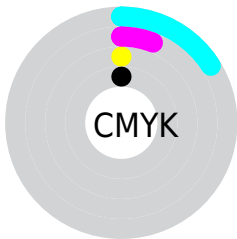
Distribution



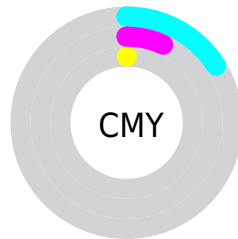
- Red (84%)
- Green (93%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9045, 82.4510, 105.6800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.9045, 82.4510, 105.6800 by changing the saturation by 10% instead.

75.9045, 82.4510,
105.6800

75.9045, 82.4510,
105.6800

469.9701,
503.1550, 599.6553

56.6510, 61.7374,
80.4093

126.5730,
136.8063, 171.0609

40.9641, 44.8205,
59.5271

158.7187,
171.2167, 212.0081

28.4786, 31.3161,
42.6148

195.8924,
210.9615, 259.0180

18.8290, 20.8396,
29.2538

238.4596,
256.4251, 312.5090

11.6501, 13.0068,
19.0257

286.7857,
307.9918, 372.8997

6.5764, 7.4333,
11.5118

341.2359,

3.2426, 3.7345,

366.0461, 440.6086

6.2937

402.1756,
430.9724, 516.0543

■ 1.2833, 1.5262,
2.9528

■ 0.1707, 0.3070,
1.0706

■ 75.9045, 82.4510,
105.6800

■ 75.9045, 82.4510,
105.6800

■ 66.3003, 73.3358,
104.4281

■ 86.8263, 92.4855,
107.0425

■ 57.9503, 65.0970,
103.2780

94.8897, 99.9359,
108.0556

■ 50.7966, 57.7031,
102.2278

■ 44.7733, 51.1163,
101.2739

■ 39.8079, 45.2950,
100.4120

■ 35.8184, 40.1929,
99.6375

■ 32.7095, 35.7564,
98.9450

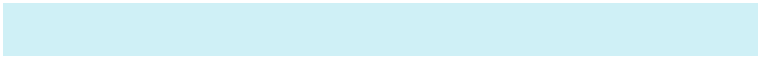
■ 30.3629, 31.9202,
98.3282

■ 29.5942, 30.5649,
98.1071

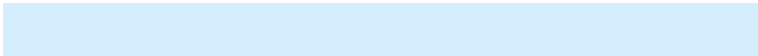
Harmonies

Analogous

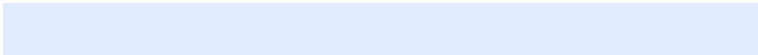
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6811, 82.4510, 99.5801



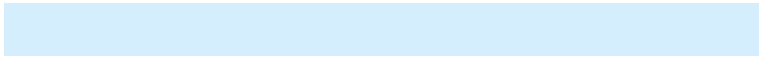
75.9045, 82.4510, 105.6800



78.8399, 82.4510, 107.4152

Triad

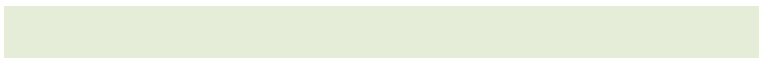
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9045, 82.4510, 105.6800



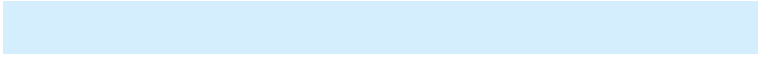
84.3062, 82.4510, 88.4309



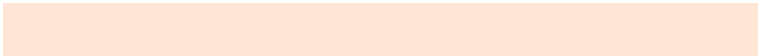
75.1075, 82.4510, 76.7625

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



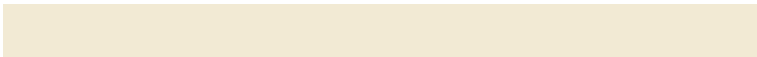
75.9045, 82.4510, 105.6800



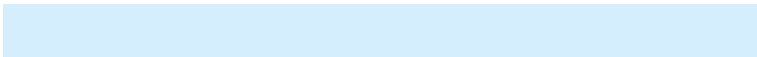
80.9032, 81.9133, 74.4992

Split Complementary

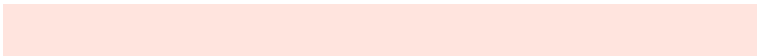
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8964, 82.4510, 74.1804



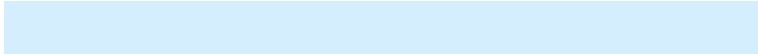
75.9045, 82.4510, 105.6800



83.2479, 82.4510, 80.6359

Square

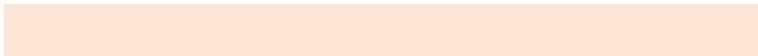
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



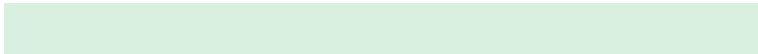
75.9045, 82.4510, 105.6800



83.7400, 82.4510, 97.0936



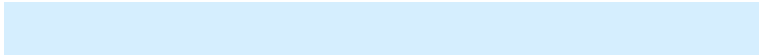
80.8826, 82.4510, 75.5519



73.2293, 82.4510, 82.8339

Rectangle

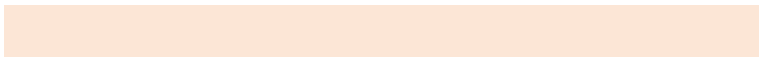
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9045, 82.4510, 105.6800



80.8176, 82.4510, 105.7748



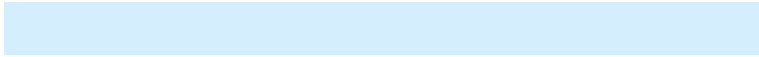
80.8826, 82.4510, 75.5519



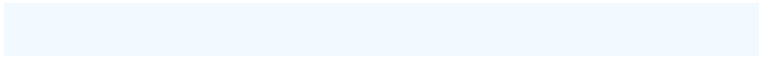
75.9669, 82.4510, 75.4761

Sweetspot

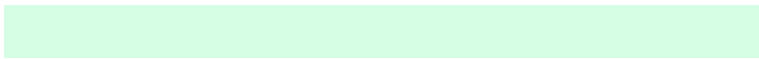
The Sweet Spot groups the original color and five complimentary colors.



75.9069, 82.4544, 105.6818



88.9473, 94.5285, 108.1655



76.9872, 90.6726, 87.3669



18.8608, 20.0725, 23.1303



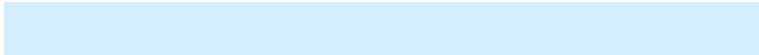
0.0000, 0.0000, 0.0000



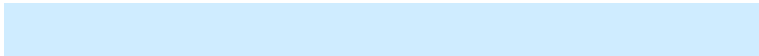
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9069, 82.4544, 105.6818



73.6798, 80.4672, 106.2561



70.3468, 71.3340, 103.8285



17.9251, 19.2217, 23.0154



15.7499, 16.4093, 51.7718



1.6398, 1.8103, 5.0763

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.1019, 74.8342, 91.1155



78.5983, 71.7296, 89.1330



86.8274, 93.7618, 76.4739



18.4748, 18.1732, 21.1176



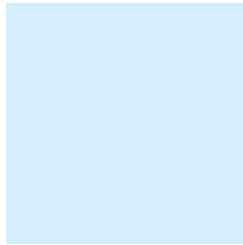
24.7380, 12.3845, 17.8027



2.4623, 1.2273, 2.0159

Previews

White Background



This preview shows how the XYZ color 75.9045, 82.4510, 105.6800 looks on a white background.

Color Contrast Check

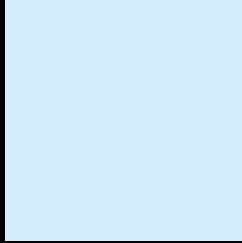
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.9045, 82.4510, 105.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

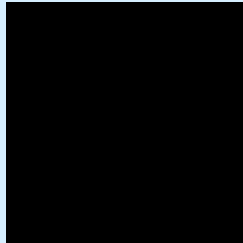
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

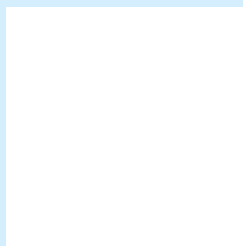
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9045, 82.4510, 105.6800

Background



This preview shows how black text looks on a background with the XYZ color 75.9045, 82.4510, 105.6800.



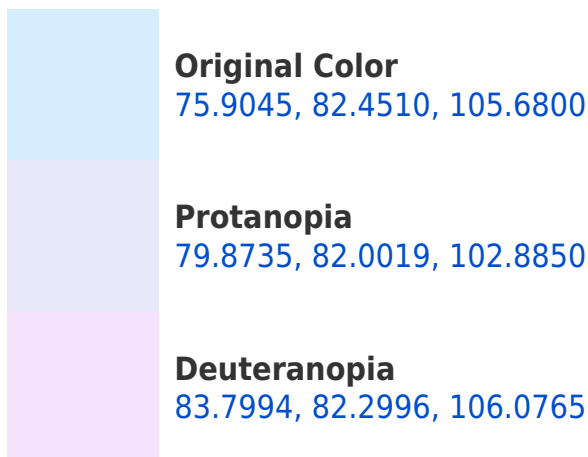
This preview shows how white text looks on a background with the XYZ color 75.9045, 82.4510,

105.6800.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

76.3585, 82.2354, 106.4562

Trichromacy



Original Color

75.9045, 82.4510, 105.6800

Protanomaly

78.3575, 82.0427, 103.8014

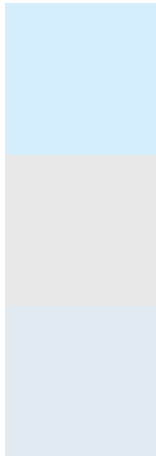
Deuteranomaly

80.8383, 82.4257, 106.2568

Tritanomaly

76.0657, 82.0845, 106.4425

Monochromacy



Original Color

75.9045, 82.4510, 105.6800

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2023, 81.1445, 94.0842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9045, 82.4510, 105.6800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 238, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 238, 254) }
```

Border

The CSS property to change the border of an element to XYZ 75.9045, 82.4510, 105.6800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 238, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 238, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 238, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 238,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9045, 82.4510, 105.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 238, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
238, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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