

Converting Colors

XYZ(77.0212, 79.6188,
119.1516)

Have a look what the booklet for
XYZ(77.0212, 79.6188, 119.1516)
contains.

XYZ(74.6502, 78.8189, 105.8868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.6502, 78.8189,
105.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E7FF
RGB	215, 231, 255
RGB Percent	84%, 91%, 100%
CMY	0.1569, 0.0941, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	216°, 100%, 92%
HSV	216°, 16%, 100%
XYZ	74.6502, 78.8189, 105.8868
YIQ	228.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

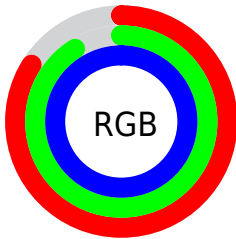
Format	Color
R _Y B	215, 226, 255
Decimal	14149631
CIE Lab	91.15, -0.54, -13.40
CIE LCh	91, 13.414, 267.672
Yxy	78.8189, 0.2878, 0.3039
Android (android.graphics.Color)	4292339711 (0xFFD7E7FF)
YUV	228.9520, 12.8417, -12.2359
Hunter-Lab	88.7800, -5.2742, -8.5684

Details

The XYZ color **74.6502, 78.8189, 105.8868** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3717, 87.8978, 76.8106**, and the grayscale version is **74.3603, 78.2329, 85.1956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2156, 42.6015, 59.5294** is the 20% darker color. If you saturate the color by 10%, you get **63.6420, 67.0651, 104.1983**, and if you desaturate by 10%, it is **87.2039, 91.9291, 107.7557**.

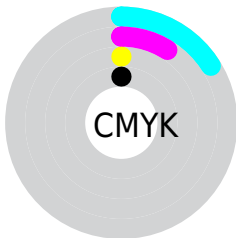
Distribution



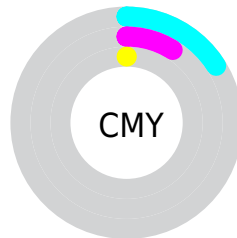
- Red (84%)
- Green (91%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6502, 78.8189, 105.8868 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 74.6502, 78.8189, 105.8868 by changing the saturation by 10% instead.

■ 74.6502, 78.8189,
105.8868

■ 74.6502, 78.8189,
105.8868

465.7301,
490.9435, 600.3130

■ 55.6195, 58.7469,
80.5817

124.8076,
131.7039, 171.3459

■ 40.1338, 42.4094,
59.6682

156.6651,
165.2857, 212.3370

■ 27.8275, 29.4220,
42.7277

193.5289,
204.1395, 259.3938

■ 18.3355, 19.4003,
29.3417

235.7644,
248.6498, 312.9350

■ 11.2923, 11.9599,
19.0917

283.7369,
299.2010, 373.3789

■ 6.3325, 6.7164,
11.5590

337.8118,

■ 3.0909, 3.2854,

356.1774, 441.1442

6.3253

398.3544,
419.9634, 516.6494

■ 1.2020, 1.2825,
2.9719

■ 0.1079, 0.1276,
1.0803

■ 74.6502, 78.8189,
105.8868

■ 74.6502, 78.8189,
105.8868

■ 63.6420, 67.0651,
104.1983

■ 87.2039, 91.9291,
107.7557

■ 54.1096, 56.6114,
102.6829

95.0500, 100.0000,
108.9000

■ 45.9869, 47.4110,
101.3352

■ 39.2003, 39.4108,
100.1487

■ 33.6686, 32.5527,
99.1165

■ 29.3011, 26.7730,
98.2311

■ 25.9930, 21.9998,
97.4841

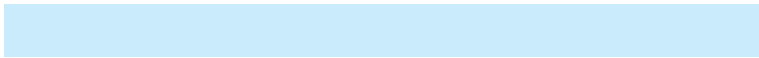
■ 23.6166, 18.1483,
96.8660

■ 22.8037, 16.7273,
96.6346

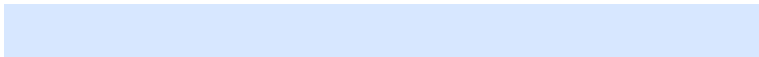
Harmonies

Analogous

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



71.4783, 78.8189, 102.6058



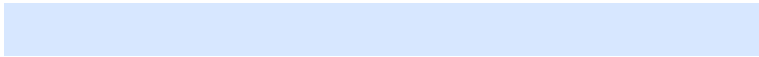
74.6502, 78.8189, 105.8868



77.9875, 78.8189, 103.4635

Triad

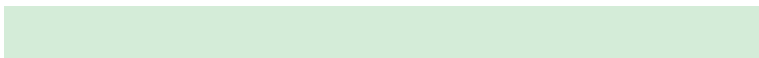
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6502, 78.8189, 105.8868



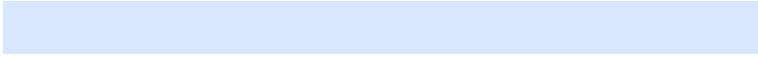
80.8457, 78.8189, 77.4281



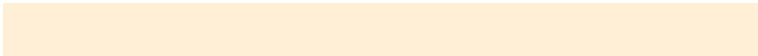
69.5336, 78.8189, 76.2067

Complementary

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



74.6502, 78.8189, 105.8868



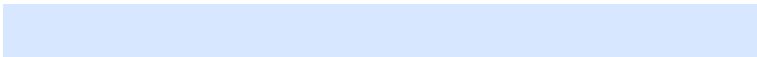
84.3717, 87.8978, 76.8106

Split Complementary

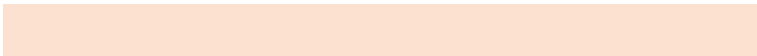
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9243, 78.8189, 70.3064



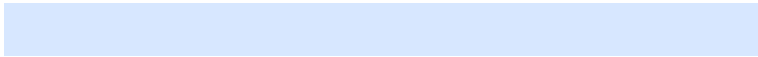
74.6502, 78.8189, 105.8868



78.4601, 78.8189, 70.9733

Square

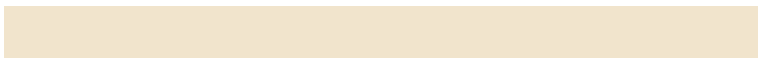
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6502, 78.8189, 105.8868



81.6281, 78.8189, 86.5819



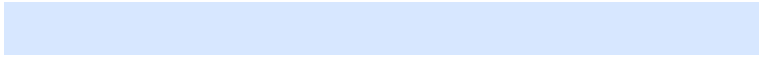
75.1804, 78.8189, 68.4642



68.5804, 78.8189, 85.0634

Rectangle

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



74.6502, 78.8189, 105.8868



79.8451, 78.8189, 99.0338



75.1804, 78.8189, 68.4642



70.1921, 78.8189, 73.8378

Sweetspot

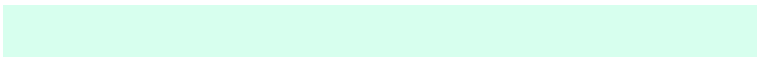
The Sweet Spot groups the original color and five complimentary colors.



74.6523, 78.8221, 105.8873



88.1221, 92.8780, 107.8905



79.2668, 92.1601, 94.7575



18.6603, 19.6715, 23.0634



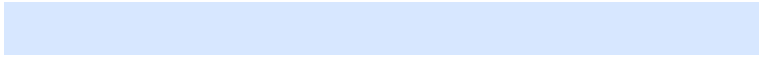
0.0000, 0.0000, 0.0000



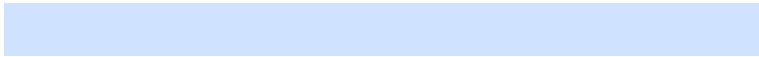
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6523, 78.8221, 105.8873



70.8351, 74.7777, 105.3079



71.3649, 70.7792, 104.5082



17.5994, 18.5705, 22.9068



12.0518, 9.0131, 50.5391



1.2769, 1.0844, 4.9553

Inverse Universe

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



79.9655, 75.6318, 85.9888



77.1624, 71.1553, 81.5718



88.0504, 97.0597, 78.3852



18.3105, 18.1075, 20.2520



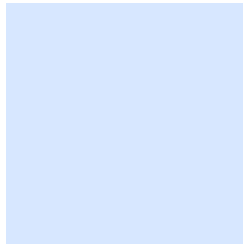
22.8714, 11.6378, 7.9731



2.2791, 1.1540, 1.0512

Previews

White Background



This preview shows how the XYZ color 74.6502, 78.8189, 105.8868 looks on a white background.

Color Contrast Check

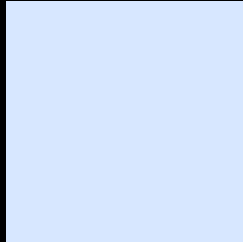
Large Text (above 18pt) WCAG AA × Fail

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 74.6502, 78.8189, 105.8868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

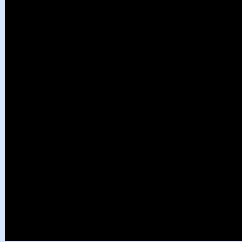
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

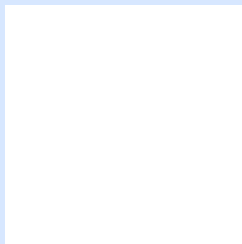
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6502, 78.8189, 105.8868

Background



This preview shows how black text looks on a background with the XYZ color 74.6502, 78.8189, 105.8868.



This preview shows how white text looks on a background with the XYZ color 74.6502, 78.8189,

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



Original Color

74.6502, 78.8189, 105.8868

Protanopia

77.1516, 78.9095, 104.0932

Deuteranopia

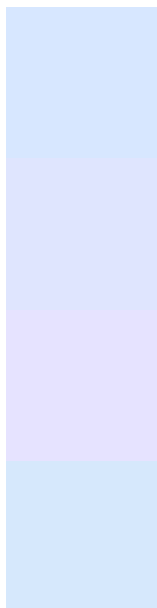
79.9655, 78.7085, 105.5854



Tritanopia

73.8435, 78.9115, 101.7820

Trichromacy



Original Color

74.6502, 78.8189, 105.8868

Protanomaly

76.3401, 78.8824, 104.9682

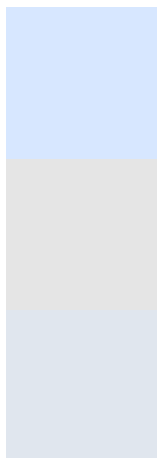
Deuteranomaly

78.1522, 78.9812, 105.7336

Tritanomaly

74.1589, 79.0376, 103.4427

Monochromacy



Original Color

74.6502, 78.8189, 105.8868

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4699, 78.6140, 92.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6502, 78.8189, 105.8868 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(215, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 231, 255)  
}
```

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(215, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6502, 78.8189, 105.8868 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(215, 231, 255) }
```


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

```
.border{ border-color:rgb(215, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(215, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6502, 78.8189, 105.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 231, 255) }
```

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

```
.background{ background-color: rgb(215,  
231, 255) }
```

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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