

Converting Colors

XYZ(74.8248, 83.1048,
101.4737)

Have a look what the booklet for
XYZ(74.8248, 83.1048, 101.4737)
contains.

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Color

**XYZ(75.1325, 83.4518,
101.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F1F9
RGB	210, 241, 249
RGB Percent	82%, 95%, 98%
CMY	0.1765, 0.0549, 0.0235
CMYK	0.16, 0.03, 0.00, 0.02
HSL	192°, 76%, 90%
HSV	192°, 16%, 98%
XYZ	75.1325, 83.4518, 101.7704
YIQ	232.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

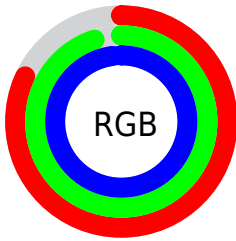
Format	Color
R _{YB}	210, 227, 249
Decimal	13824505
CIE Lab	93.21, -8.43, -7.25
CIE LCh	93, 11.120, 220.694
Yxy	83.4518, 0.2886, 0.3205
Android (android.graphics.Color)	4292014585 (0xFFD2F1F9)
YUV	232.6430, 8.0640, -19.8579
Hunter-Lab	91.3520, -13.0584, -2.1055

Details

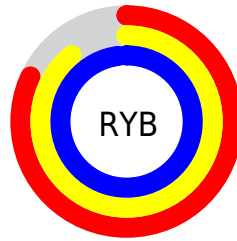
The XYZ color **75.1325, 83.4518, 101.7704** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7717, 74.9355, 71.4447**, and the grayscale version is **77.1384, 81.1556, 88.3785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4922, 45.5167, 57.1035** is the 20% darker color. If you saturate the color by 10%, you get **67.0979, 77.0997, 100.9691**, and if you desaturate by 10%, it is **84.3173, 90.4641, 102.6412**.

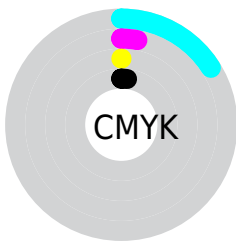
Distribution



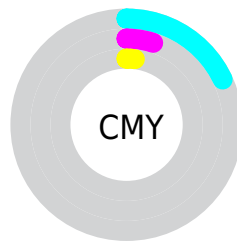
- Red (82%)
- Green (95%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1325, 83.4518, 101.7704 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 75.1325, 83.4518, 101.7704 by changing the saturation by 10% instead.

75.1325, 83.4518,
101.7704

75.1325, 83.4518,
101.7704

467.3630,
506.4910, 587.1490

56.0160, 62.5629,
77.1548

125.4868,
138.2081, 165.6610

40.4528, 45.4877,
56.8676

157.4553,
172.8443, 205.7732

28.0775, 31.8418,
40.4903

194.4386,
212.8317, 251.8879

18.5249, 21.2407,
27.6043

236.8019,
258.5547, 304.4237

11.4294, 13.3000,
17.7912

284.9106,
310.3978, 363.7992

6.4259, 7.6355,
10.6323

339.1302,

3.1488, 3.8626,

368.7453, 430.4329

5.7091

399.8259,
433.9815, 504.7433

■ 1.2329, 1.5970,
2.6031

■ 0.1321, 0.3556,
0.8941

■ 75.1325, 83.4518,
101.7704

■ 75.1325, 83.4518,
101.7704

■ 67.0979, 77.0997,
100.9691

■ 84.3173, 90.4641,
102.6412

■ 60.1550, 71.3706,
100.2292

■ 92.9039, 97.2292,
103.4944

■ 54.2511, 66.2390,
99.5499

■ 94.0991, 99.6197,
103.8928

■ 49.3261, 61.6734,
98.9282

■ 45.3133, 57.6388,
98.3610

■ 42.1376, 54.0961,
97.8445

■ 39.7114, 50.9995,
97.3747

■ 37.9260, 48.2924,
96.9463

■ 37.2809, 47.2031,
96.7700

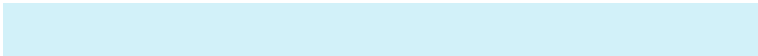
Harmonies

Analogous

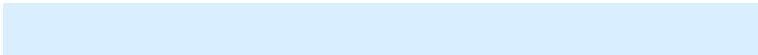
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9223, 83.4518, 93.8849



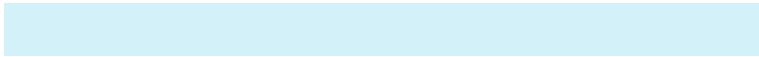
75.1325, 83.4518, 101.7704



77.4746, 83.4518, 106.9201

Triad

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



75.1325, 83.4518, 101.7704



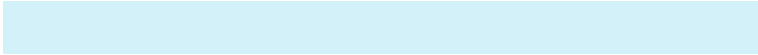
84.7424, 83.4518, 96.2916



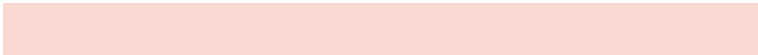
78.2799, 83.4518, 75.9466

Complementary

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



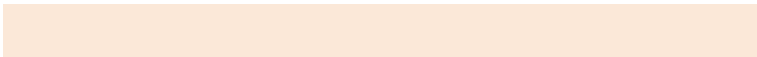
75.1325, 83.4518, 101.7704



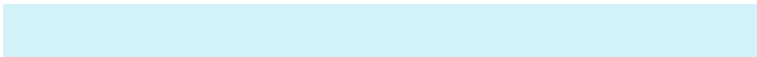
75.7717, 74.9355, 71.4447

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.



81.1913, 83.4518, 76.5031



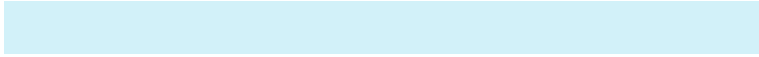
75.1325, 83.4518, 101.7704



84.9710, 83.4518, 87.9102

Square

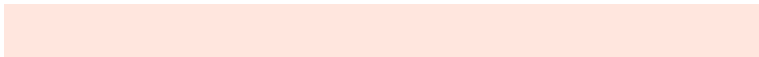
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



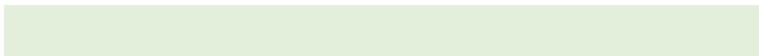
75.1325, 83.4518, 101.7704



83.0402, 83.4518, 103.6250



83.6570, 83.4518, 80.7676



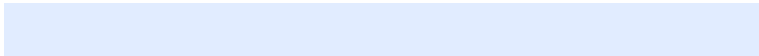
75.7096, 83.4518, 79.1977

Rectangle

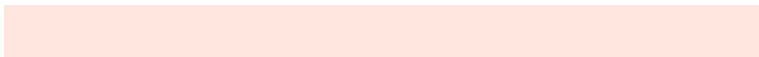
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



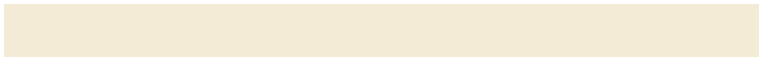
75.1325, 83.4518, 101.7704



79.3866, 83.4518, 107.9309



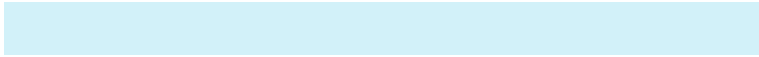
83.6570, 83.4518, 80.7676



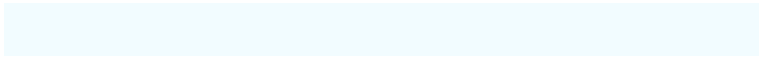
79.2503, 83.4518, 75.6998

Sweetspot

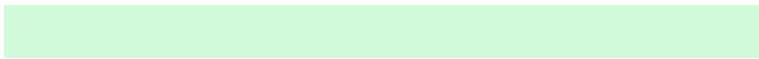
The Sweet Spot groups the original color and five complimentary colors.



75.1349, 83.4553, 101.7723



89.6855, 96.0048, 108.4116



73.0842, 86.5059, 79.0394



19.0405, 20.4319, 23.1902



0.0000, 0.0000, 0.0000



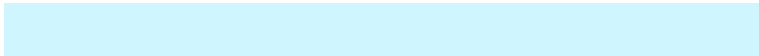
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1349, 83.4553, 101.7723



76.3289, 85.7653, 107.1391



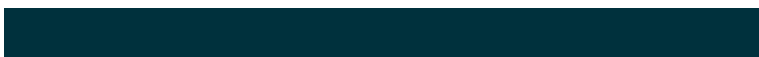
69.7203, 72.6261, 99.9674



17.4459, 18.9686, 22.1271



20.0605, 25.4766, 51.8337



1.9315, 2.5067, 4.8252

Inverse Universe

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



77.9926, 72.5855, 93.1229



79.9354, 72.2645, 96.1742



81.0723, 85.5366, 73.2115



17.8316, 17.4600, 20.9689



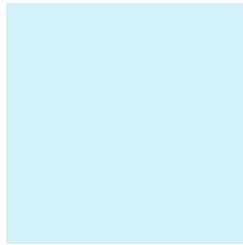
26.4176, 12.9828, 29.9714



2.4839, 1.2173, 2.9714

Previews

White Background



This preview shows how the XYZ color 75.1325, 83.4518, 101.7704 looks on a white background.

Color Contrast Check

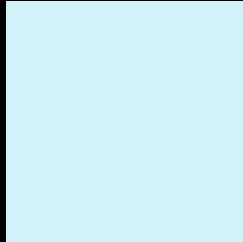
Large Text (above 18pt) WCAG AA × Fail

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 75.1325, 83.4518, 101.7704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

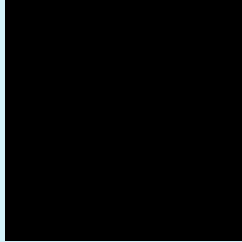
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1325, 83.4518, 101.7704

Background



This preview shows how black text looks on a background with the XYZ color 75.1325, 83.4518, 101.7704.



This preview shows how white text looks on a background with the XYZ color 75.1325, 83.4518,

101.7704.

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

77.2354, 83.5519, 106.6641

Trichromacy



Original Color

75.1325, 83.4518, 101.7704

Protanomaly

78.5973, 83.5531, 99.1736

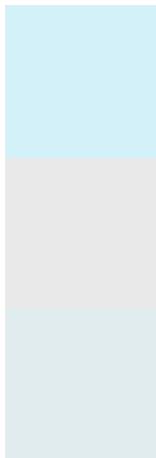
Deuteranomaly

80.8124, 82.9050, 103.0098

Tritanomaly

76.6213, 83.7082, 105.0474

Monochromacy



Original Color

75.1325, 83.4518, 101.7704

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6268, 82.2305, 93.4948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1325, 83.4518, 101.7704 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(210, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 241, 249)  
}
```

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(210, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 241, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.1325, 83.4518, 101.7704 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(210, 241, 249) }
```


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

```
.border{ border-color:rgb(210, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 241,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1325, 83.4518, 101.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 241, 249) }
```

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

```
.background{ background-color: rgb(210,  
241, 249) }
```

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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