

Converting Colors

XYZ(61.3495, 64.7784, 96.8322)

Have a look what the booklet for
XYZ(61.3495, 64.7784, 96.8322)
contains.

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Color

**XYZ(61.1643, 64.5596,
96.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD4F6
RGB	189, 212, 246
RGB Percent	74%, 83%, 96%
CMY	0.2588, 0.1686, 0.0353
CMYK	0.23, 0.14, 0.00, 0.04
HSL	216°, 76%, 85%
HSV	216°, 23%, 96%
XYZ	61.1643, 64.5596, 96.4263
YIQ	208.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

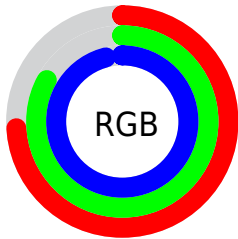
Format	Color
R_{YB}	189, 205, 246
Decimal	12440822
CIE _{Lab}	84.26, -0.46, -19.21
CIE _{LCh}	84, 19.212, 268.615
Yxy	64.5596, 0.2753, 0.2906
Android (android.graphics.Color)	4290630902 (0xFFBDD4F6)
YUV	208.9990, 18.2415, -17.5391
Hunter-Lab	80.3490, -4.7306, -14.9093

Details

The XYZ color **61.1643, 64.5596, 96.4263** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.5798, 76.0426, 58.9454**, and the grayscale version is **60.5016, 63.6524, 69.3175**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.5128, 33.3223, 53.4861** is the 20% darker color. If you saturate the color by 10%, you get **52.0695, 54.6725, 94.9983**, and if you desaturate by 10%, it is **71.6314, 75.6521, 98.0168**.

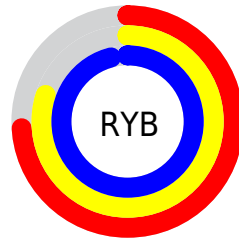
Distribution



Red (74%)

Green (83%)

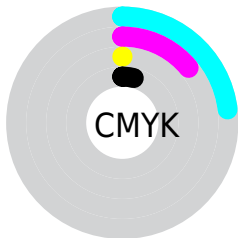
Blue (96%)



Red (74%)

Yellow (80%)

Blue (96%)

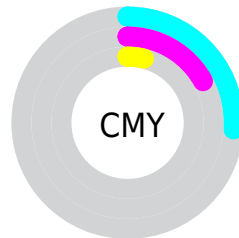


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (17%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1643, 64.5596, 96.4263 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 61.1643, 64.5596, 96.4263 by changing the saturation by 10% instead.

■ 61.1643, 64.5596,
96.4263

■ 61.1643, 64.5596,
96.4263

418.6425,
441.2077, 569.8217

■ 44.6108, 47.1041,
72.7192

■ 105.6136,
111.4165, 158.2461

■ 31.3510, 33.1179,
53.2560

134.2401,
141.5866, 197.1959

■ 21.0194, 22.2168,
37.6180

167.6216,
176.7637, 242.0637

■ 13.2507, 14.0163,
25.3868

206.1235,
217.3321, 293.2681

■ 7.6796, 8.1320,
16.1439

250.1112,
263.6764, 351.2275

■ 3.9407, 4.1795,
9.4706

299.9501,

■ 1.6686, 1.7745,

316.1808, 416.3606

4.9484

356.0053,
375.2298, 489.0858

■ 0.4365, 0.4712,
2.1588

■ 0.0000, 0.0000,
0.6504

■ 61.1643, 64.5596,
96.4263

■ 61.1643, 64.5596,
96.4263

■ 52.0695, 54.6725,
94.9983

■ 71.6314, 75.6521,
98.0168

■ 44.2799, 45.9385,
93.7230

■ 83.5219, 87.9843,
99.7704

■ 37.7316, 38.3125,
92.5962

■ 93.6348, 99.4339,
101.4474

■ 32.3525, 31.7429,
91.6117

■ 28.0622, 26.1734,
90.7628

■ 24.7689, 21.5407,
90.0421

■ 22.3625, 17.7714,
89.4414

■ 21.1225, 15.6293,
89.0933

Harmonies

Analogous

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



57.1977, 64.5596, 92.2622



61.1643, 64.5596, 96.4263



65.3655, 64.5596, 92.9433

Triad

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



61.1643, 64.5596, 96.4263



68.8305, 64.5596, 59.6562



54.6371, 64.5596, 58.7807

Complementary

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



61.1643, 64.5596, 96.4263



73.5798, 76.0426, 58.9454

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.



57.5253, 64.5596, 51.6608



61.1643, 64.5596, 96.4263



65.7236, 64.5596, 52.1237

Square

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



61.1643, 64.5596, 96.4263



69.9127, 64.5596, 70.8627



61.5601, 64.5596, 49.3697



53.5385, 64.5596, 69.7292

Rectangle

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



61.1643, 64.5596, 96.4263



67.7094, 64.5596, 86.9568



61.5601, 64.5596, 49.3697



55.4241, 64.5596, 55.9094

Sweetspot

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



61.1663, 64.5622, 96.4278



85.4823, 90.1645, 107.5058



67.1618, 82.0190, 81.5759



18.1280, 19.1242, 22.9858



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.



61.1663, 64.5622, 96.4278



61.3684, 64.6548, 103.8529



57.0177, 54.4870, 94.7017



16.1301, 17.0245, 20.9785



11.4031, 8.6000, 47.5970



1.1002, 0.9518, 4.2160

Inverse Universe

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



68.0889, 60.7432, 70.4261



70.2334, 60.1494, 70.4692



78.5033, 88.3316, 61.0579



16.7762, 16.5934, 18.5683



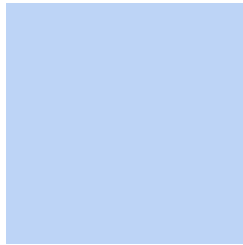
21.5603, 10.9675, 7.6587



1.9444, 0.9837, 0.9335

Previews

White Background



This preview shows how the XYZ color 61.1643, 64.5596, 96.4263 looks on a white background.

Color Contrast Check

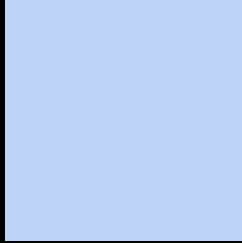
Large Text (above 18pt) WCAG AA × Fail

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 61.1643, 64.5596, 96.4263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

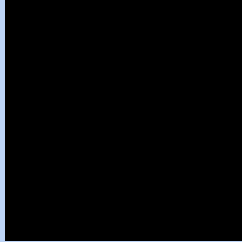
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

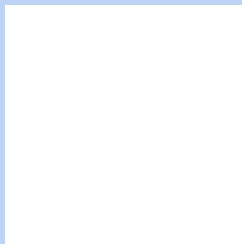
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1643, 64.5596, 96.4263

Background



This preview shows how black text looks on a background with the XYZ color 61.1643, 64.5596, 96.4263.



This preview shows how white text looks on a background with the XYZ color 61.1643, 64.5596,

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

61.1643, 64.5596, 96.4263

Protanopia

63.3621, 64.2793, 93.8616

Deuteranopia

65.7712, 64.3751, 96.9548



Tritanopia

58.8618, 64.3584, 85.6640

Trichromacy



Original Color

61.1643, 64.5596, 96.4263

Protanomaly

62.4183, 64.1383, 94.6781

Deuteranomaly

64.2462, 64.6645, 97.0910

Tritanomaly

59.5738, 64.2677, 89.3858

Monochromacy



Original Color

61.1643, 64.5596, 96.4263

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5885, 63.9237, 78.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1643, 64.5596, 96.4263 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(189, 212, 246)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 246)  
}
```

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(189, 212, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 246) }
```

Border

The CSS property to change the border of an element to XYZ 61.1643, 64.5596, 96.4263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

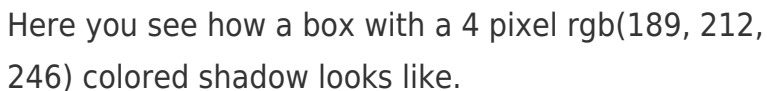
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 212, 246) }
```


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

```
.border{ border-color:rgb(189, 212, 246) }
```

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



Here you see how a box with a 4 pixel rgb(189, 212, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 246);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1643, 64.5596, 96.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 212, 246) }
```

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

```
.background{ background-color: rgb(189,  
212, 246) }
```

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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