

Converting Colors

XYZ(60.1443, 63.9805, 92.1573)

Have a look what the booklet for
XYZ(60.1443, 63.9805, 92.1573)
contains.

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Color

**XYZ(60.4069, 64.2567,
92.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD4F1
RGB	189, 212, 241
RGB Percent	74%, 83%, 95%
CMY	0.2588, 0.1686, 0.0549
CMYK	0.22, 0.12, 0.00, 0.05
HSL	213°, 65%, 84%
HSV	213°, 22%, 95%
XYZ	60.4069, 64.2567, 92.4381
YIQ	208.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

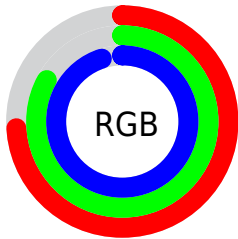
Format	Color
R_{YB}	189, 205, 241
Decimal	12440817
CIE _{Lab}	84.10, -1.58, -16.79
CIE _{LCh}	84, 16.866, 264.635
Yxy	64.2567, 0.2782, 0.2960
Android (android.graphics.Color)	4290630897 (0xFFBDD4F1)
YUV	208.4290, 16.0575, -17.0392
Hunter-Lab	80.1603, -5.7671, -12.2590

Details

The XYZ color **60.4069, 64.2567, 92.4381** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.5329, 72.5176, 58.4253**, and the grayscale version is **60.1439, 63.2760, 68.9076**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.8056, 32.7676, 50.6001** is the 20% darker color. If you saturate the color by 10%, you get **51.6977, 54.9869, 91.1089**, and if you desaturate by 10%, it is **70.3931, 74.6031, 93.9099**.

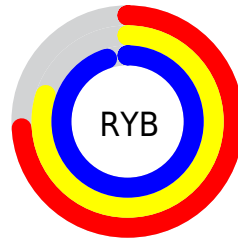
Distribution



Red (74%)

Green (83%)

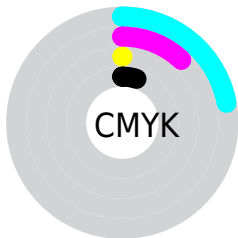
Blue (95%)



Red (74%)

Yellow (80%)

Blue (95%)

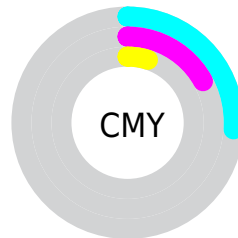


Cyan (22%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4069, 64.2567, 92.4381 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 60.4069, 64.2567, 92.4381 by changing the saturation by 10% instead.

■ 60.4069, 64.2567,
92.4381

■ 60.4069, 64.2567,
92.4381

415.9067,
440.1160, 556.7038

■ 43.9974, 46.8586,
69.4195

■ 104.5227,
110.9805, 152.6854

■ 30.8664, 32.9239,
50.5795

132.9597,
141.0751, 190.7512

■ 20.6484, 22.0682,
35.4997

166.1366,
176.1706, 234.6698

■ 12.9783, 13.9070,
23.7614

204.4187,
216.6514, 284.8597

■ 7.4905, 8.0560,
14.9462

248.1714,
262.9020, 341.7396

■ 3.8197, 4.1308,
8.6354

297.7601,

■ 1.6007, 1.7470,

315.3067, 405.7278

4.4106

353.5501,
374.2499, 477.2431

■ 0.3928, 0.4538,
1.8532

■ 0.0000, 0.0000,
0.4627

■ 60.4069, 64.2567,
92.4381

■ 60.4069, 64.2567,
92.4381

■ 51.6977, 54.9869,
91.1089

■ 70.3931, 74.6031,
93.9099

■ 44.2036, 46.7470,
89.9135

■ 81.7024, 86.0549,
95.5242

■ 37.8665, 39.4982,
88.8483

■ 92.0291, 97.4344,
97.1764

■ 32.6205, 33.1956,
87.9083

■ 92.8774, 99.1310,
97.4592

■ 28.3926, 27.7903,
87.0878

■ 25.0994, 23.2273,
86.3806

■ 22.6422, 19.4432,
85.7797

■ 21.0944, 16.7850,
85.3482

Harmonies

Analogous

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



57.0219, 64.2567, 88.0602



60.4069, 64.2567, 92.4381



64.1085, 64.2567, 90.3147

Triad

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



60.4069, 64.2567, 92.4381



67.8184, 64.2567, 61.7580



55.4176, 64.2567, 58.7516

Complementary

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



60.4069, 64.2567, 92.4381



70.5329, 72.5176, 58.4253

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.



58.1370, 64.2567, 52.9269



60.4069, 64.2567, 92.4381



65.3138, 64.2567, 54.5351

Square

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



60.4069, 64.2567, 92.4381



68.4860, 64.2567, 71.8999



61.7461, 64.2567, 51.4651



54.2172, 64.2567, 68.0644

Rectangle

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



60.4069, 64.2567, 92.4381



66.2456, 64.2567, 85.5992



61.7461, 64.2567, 51.4651



56.1789, 64.2567, 56.3600

Sweetspot

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



60.4089, 64.2593, 92.4396



86.9817, 91.8894, 107.7598



65.0454, 78.7717, 77.8330



18.4369, 19.4852, 23.0392



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.



60.4089, 64.2593, 92.4396



64.0407, 68.1580, 104.3882



55.7132, 53.9018, 90.6878



15.4727, 16.3796, 20.0677



11.5684, 9.3611, 46.3250



1.0600, 0.9739, 3.8863

Inverse Universe

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



66.3584, 59.8509, 70.3453



72.0317, 62.5897, 74.6336



76.0361, 84.8323, 60.5122



16.0633, 15.8750, 17.8896



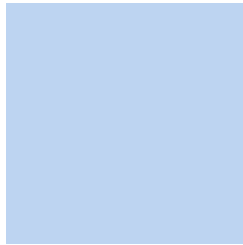
21.1648, 10.7384, 8.7845



1.8100, 0.9130, 0.9902

Previews

White Background



This preview shows how the XYZ color 60.4069, 64.2567, 92.4381 looks on a white background.

Color Contrast Check

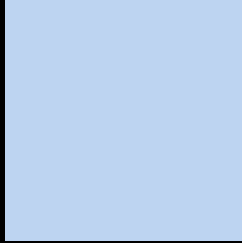
Large Text (above 18pt) WCAG AA × Fail

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 60.4069, 64.2567, 92.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

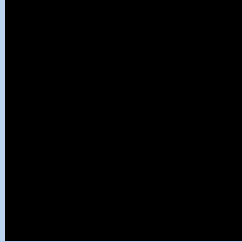
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

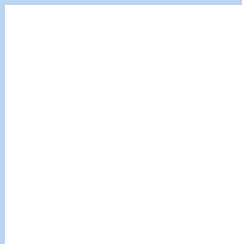
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4069, 64.2567, 92.4381

Background



This preview shows how black text looks on a background with the XYZ color 60.4069, 64.2567, 92.4381.



This preview shows how white text looks on a background with the XYZ color 60.4069, 64.2567,

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

60.4069, 64.2567, 92.4381

Protanopia

63.1653, 64.2639, 89.9639

Deuteranopia

65.5021, 63.9529, 93.6858



Tritanopia

58.9639, 64.4275, 84.9293

Trichromacy



Original Color

60.4069, 64.2567, 92.4381

Protanomaly

61.9336, 63.9750, 90.7455

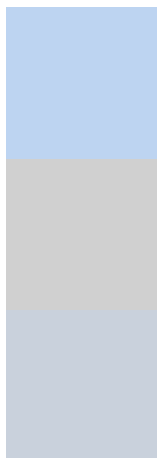
Deuteranomaly

63.5167, 64.0156, 93.0130

Tritanomaly

59.5287, 64.2780, 87.8667

Monochromacy



Original Color

60.4069, 64.2567, 92.4381

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8061, 63.1857, 76.7541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4069, 64.2567, 92.4381 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 241) }
```

Border

The CSS property to change the border of an element to XYZ 60.4069, 64.2567, 92.4381 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, 241) }
```


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

```
.border{ border-color:rgb(189, 212, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4069, 64.2567, 92.4381 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, 241) }
```

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

```
.background{ background-color: rgb(189,  
212, 241) }
```

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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