

Converting Colors

XYZ(62.0219, 64.5727, 97.6408)

Have a look what the booklet for
XYZ(62.0219, 64.5727, 97.6408)
contains.

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Color

**XYZ(62.2299, 64.7033,
98.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D3F8
RGB	193, 211, 248
RGB Percent	76%, 83%, 97%
CMY	0.2431, 0.1725, 0.0274
CMYK	0.22, 0.15, 0.00, 0.03
HSL	220°, 80%, 86%
HSV	220°, 22%, 97%
XYZ	62.2299, 64.7033, 98.0161
YIQ	209.8360, -22.6050, 7.6910

Conversions

Conversions Part 2

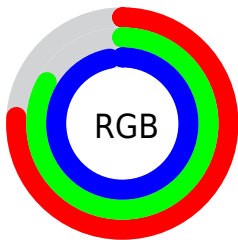
Format	Color
R _Y B	193, 207, 248
Decimal	12702712
CIE Lab	84.33, 1.71, -20.13
CIE LCh	84, 20.200, 274.849
Yxy	64.7033, 0.2766, 0.2876
Android (android.graphics.Color)	4290892792 (0xFFC1D3F8)
YUV	209.8360, 18.8149, -14.7652
Hunter-Lab	80.4384, -2.6734, -15.9395

Details

The XYZ color **62.2299, 64.7033, 98.0161** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.6347, 80.4007, 61.9336**, and the grayscale version is **61.0438, 64.2228, 69.9387**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **32.2189, 33.4087, 54.6196** is the 20% darker color. If you saturate the color by 10%, you get **52.4986, 53.8513, 96.4354**, and if you desaturate by 10%, it is **73.4555, 76.9673, 99.7927**.

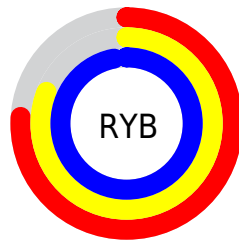
Distribution



Red (76%)

Green (83%)

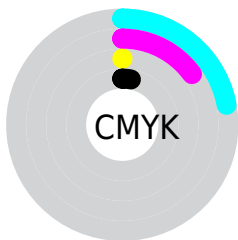
Blue (97%)



Red (76%)

Yellow (81%)

Blue (97%)

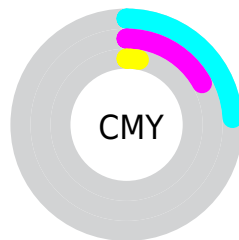


Cyan (22%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2299, 64.7033, 98.0161 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 62.2299, 64.7033, 98.0161 by changing the saturation by 10% instead.

■ 62.2299, 64.7033,
98.0161

■ 62.2299, 64.7033,
98.0161

422.4734,
441.7250, 575.0054

■ 45.4748, 47.2205,
74.0371

■ 107.1458,
111.6232, 160.4562

■ 32.0344, 33.2100,
54.3274

136.0373,
141.8291, 199.7544

■ 21.5435, 22.2874,
38.4686

169.7050,
177.0449, 244.9960

■ 13.6366, 14.0682,
26.0419

208.5142,
217.6548, 296.5997

■ 7.9483, 8.1681,
16.6289

252.8303,
264.0434, 354.9840

■ 4.1134, 4.2027,
9.8111

303.0186,

■ 1.7665, 1.7876,

316.5951, 420.5673

5.1700

359.4445,
375.6941, 493.7683

■ 0.4974, 0.4794,
2.2868

■ 0.0000, 0.0000,
0.7238

■ 62.2299, 64.7033,
98.0161

■ 62.2299, 64.7033,
98.0161

■ 52.4986, 53.8513,
96.4354

■ 73.4555, 76.9673,
99.7927

■ 44.1896, 44.3502,
95.0395

■ 86.2310, 90.6859,
101.7673

■ 37.2339, 36.1455,
93.8224

■ 93.9435, 99.5574,
103.0732

■ 31.5540, 29.1759,
92.7765

■ 27.0637, 23.3743,
91.8933

■ 23.6652, 18.6660,
91.1636

■ 21.2426, 14.9653,
90.5770

■ 19.8988, 12.6879,
90.2083

Harmonies

Analogous

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



57.9081, 64.7033, 95.2367



62.2299, 64.7033, 98.0161



66.5556, 64.7033, 92.7087

Triad

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



62.2299, 64.7033, 98.0161



68.8455, 64.7033, 57.2679



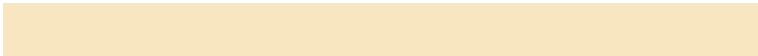
54.0229, 64.7033, 60.4733

Complementary

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



62.2299, 64.7033, 98.0161



76.6347, 80.4007, 61.9336

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.



56.7044, 64.7033, 52.0753



62.2299, 64.7033, 98.0161



65.2344, 64.7033, 50.3882

Square

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



62.2299, 64.7033, 98.0161



70.4915, 64.7033, 68.3851



60.7729, 64.7033, 48.6088



53.3050, 64.7033, 72.5579

Rectangle

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



62.2299, 64.7033, 98.0161



68.8174, 64.7033, 85.6373



60.7729, 64.7033, 48.6088



54.7179, 64.7033, 57.1752

Sweetspot

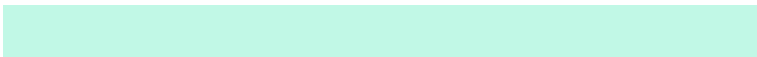
The Sweet Spot groups the original color and five complimentary colors.



62.2319, 64.7059, 98.0176



85.0735, 89.3470, 107.3696



69.7973, 84.1681, 87.1865



18.0335, 18.9351, 22.9543



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.



62.2319, 64.7059, 98.0176



61.0594, 63.1244, 103.5738



60.4171, 57.4988, 96.7221



16.7470, 17.5708, 21.8941



10.8625, 7.0806, 48.7677



1.0984, 0.8405, 4.5475

Inverse Universe

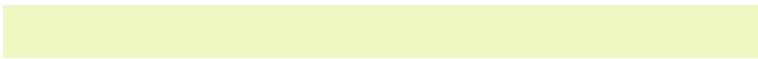
The Inverse Universe completely reimagines the original color for something new.



69.5409, 62.8013, 70.0875



70.3002, 61.0289, 68.1919



78.7347, 89.3080, 63.5422



17.4788, 17.3189, 19.1113



21.7749, 11.1257, 5.5232



2.0633, 1.0491, 0.7570

Previews

White Background



This preview shows how the XYZ color 62.2299, 64.7033, 98.0161 looks on a white background.

Color Contrast Check

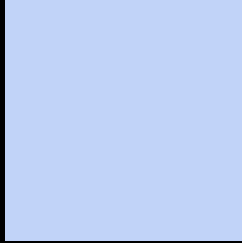
Large Text (above 18pt) WCAG AA × Fail

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 62.2299, 64.7033, 98.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

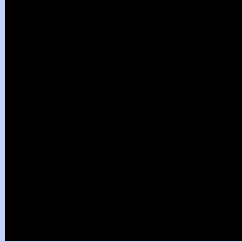
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

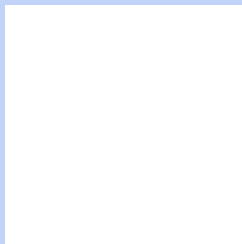
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2299, 64.7033, 98.0161

Background



This preview shows how black text looks on a background with the XYZ color 62.2299, 64.7033, 98.0161.



This preview shows how white text looks on a background with the XYZ color 62.2299, 64.7033,

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

62.2299, 64.7033, 98.0161

Protanopia

63.8190, 64.4621, 96.2676

Deuteranopia

65.7942, 64.3511, 98.5758



Tritanopia

59.7056, 64.8098, 84.9640

Trichromacy



Original Color

62.2299, 64.7033, 98.0161

Protanomaly

63.1422, 64.4584, 97.1095

Deuteranomaly

64.3135, 64.3026, 98.6445

Tritanomaly

60.5662, 64.7793, 89.4322

Monochromacy



Original Color

62.2299, 64.7033, 98.0161

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4030, 64.3124, 79.6983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2299, 64.7033, 98.0161 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(193, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(193, 211, 248)  
}
```

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(193, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 62.2299, 64.7033, 98.0161 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(193, 211, 248) }
```


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

```
.border{ border-color:rgb(193, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(193, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2299, 64.7033, 98.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 211, 248) }
```

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

```
.background{ background-color: rgb(193,  
211, 248) }
```

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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