

Converting Colors

XYZ(64.2820, 66.0072, 71.2317)

Have a look what the booklet for
XYZ(64.2820, 66.0072, 71.2317)
contains.

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Color

**XYZ(64.3197, 66.0120,
70.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD2D3
RGB	220, 210, 211
RGB Percent	86%, 82%, 83%
CMY	0.1372, 0.1764, 0.1725
CMYK	0.00, 0.05, 0.04, 0.14
HSL	354°, 12%, 84%
HSV	354°, 5%, 86%
XYZ	64.3197, 66.0120, 70.9796
YIQ	213.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

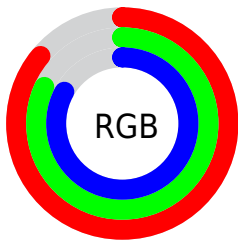
Format	Color
R _Y B	220, 210, 211
Decimal	14471891
CIE Lab	85.00, 3.62, 0.73
CIE LCh	85, 3.690, 11.359
Yxy	66.0120, 0.3195, 0.3279
Android (android.graphics.Color)	4292661971 (0xFFDCD2D3)
YUV	213.1040, -1.0373, 6.0478
Hunter-Lab	81.2478, -0.8743, 5.0766

Details

The XYZ color **64.3197, 66.0120, 70.9796** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9603, 70.0043, 77.1098**, and the grayscale version is **63.3211, 66.6187, 72.5478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4913, 34.2106, 36.7364** is the 20% darker color. If you saturate the color by 10%, you get **56.9253, 54.9546, 57.0092**, and if you desaturate by 10%, it is **72.7706, 78.6909, 86.8134**.

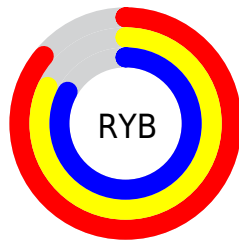
Distribution



Red (86%)

Green (82%)

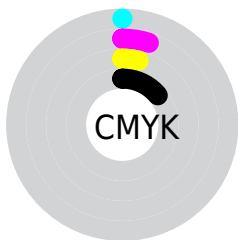
Blue (83%)



Red (86%)

Yellow (82%)

Blue (83%)

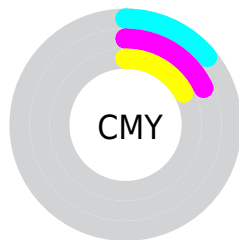


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3197, 66.0120, 70.9796 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 64.3197, 66.0120, 70.9796 by changing the saturation by 10% instead.

64.3197, 66.0120,
70.9796

64.3197, 66.0120,
70.9796

429.9272,
446.4198, 482.8639

47.1723, 48.2821,
51.8438

110.1424,
113.5036, 122.2989

33.3804, 34.0504,
36.4992

139.5484,
144.0340, 155.3194

22.5787, 22.9323,
24.5273

173.7713,
179.6002, 193.8053

14.4017, 14.5435,
15.5094

213.1765,
220.5864, 238.1751

8.4841, 8.4997,
9.0271

258.1294,
267.3771, 288.8473

4.4607, 4.4163,
4.6618

308.9952,

1.9659, 1.9091,

320.3566, 346.2405

1.9950

366.1393,
379.9094, 410.7731

■ 0.6147, 0.5538,
0.5522

■ 0.0000, 0.0000,
0.0000

■ 64.3197, 66.0120,
70.9796

■ 64.3197, 66.0120,
70.9796

■ 56.9253, 54.9546,
57.0092

■ 72.7706, 78.6909,
86.8134

■ 50.5403, 45.4451,
44.8294

■ 82.3114, 93.0439,
104.5713

■ 45.1226, 37.4171,
34.3692

■ 83.3256, 93.9559,
108.3513

■ 40.6249, 30.7958,
25.5508

■ 36.9958, 25.5001,
18.2907

■ 34.1789, 21.4407,
12.4980

■ 32.1111, 18.5171,
8.0724

■ 30.7198, 16.6130,
4.9006

■ 29.9179, 15.5872,
2.8511

Harmonies

Analogous

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



64.2664, 66.0120, 73.3463



64.3197, 66.0120, 70.9796



63.9476, 66.0120, 68.8986

Triad

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



64.3197, 66.0120, 70.9796



61.6940, 66.0120, 68.5004



62.2338, 66.0120, 76.2930

Complementary

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



64.3197, 66.0120, 70.9796



64.9603, 70.0043, 77.1098

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.



61.5525, 66.0120, 74.9377



64.3197, 66.0120, 70.9796



61.2427, 66.0120, 70.4252

Square

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



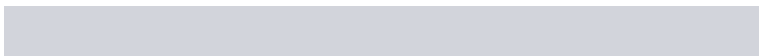
64.3197, 66.0120, 70.9796



62.4287, 66.0120, 67.4884



61.1912, 66.0120, 72.7796



63.0572, 66.0120, 76.4494

Rectangle

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



64.3197, 66.0120, 70.9796



63.5103, 66.0120, 67.9397



61.1912, 66.0120, 72.7796



61.9808, 66.0120, 75.9612

Sweetspot

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



64.3216, 66.0149, 70.9810



93.8744, 98.2368, 106.6955



65.1803, 66.3235, 77.0774



20.1054, 21.0453, 22.8605



0.0000, 0.0000, 0.0000



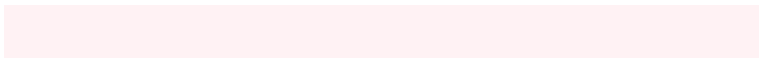
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3216, 66.0149, 70.9810



89.3230, 91.4158, 98.1440



65.1966, 67.9643, 70.6584



13.7291, 14.0011, 15.0029



17.4256, 8.9713, 1.3551



1.1473, 0.5885, 0.1845

Inverse Universe

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



64.3216, 66.0149, 70.9810



89.3230, 91.4158, 98.1440



64.0549, 67.9830, 77.4571



13.7291, 14.0011, 15.0029



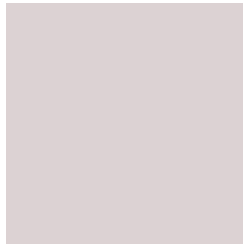
17.4256, 8.9713, 1.3551



1.1473, 0.5885, 0.1845

Previews

White Background



This preview shows how the XYZ color 64.3197, 66.0120, 70.9796 looks on a white background.

Color Contrast Check

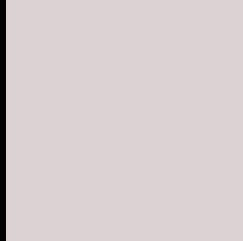
Large Text (above 18pt) WCAG AA × Fail

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 64.3197, 66.0120, 70.9796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

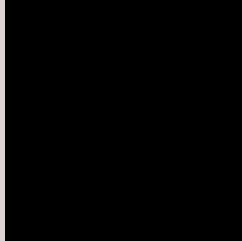
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

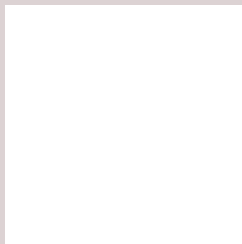
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3197, 66.0120, 70.9796

Background



This preview shows how black text looks on a background with the XYZ color 64.3197, 66.0120, 70.9796.

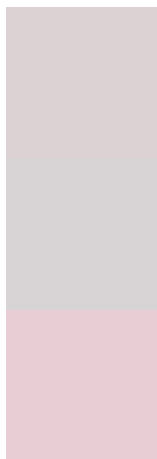


This preview shows how white text looks on a background with the XYZ color 64.3197, 66.0120,

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

64.3197, 66.0120, 70.9796

Protanopia

63.4968, 65.9409, 71.6686

Deuteranopia

67.3193, 65.7397, 71.4283



Tritanopia

66.1346, 66.0232, 79.7791

Trichromacy



Original Color

64.3197, 66.0120, 70.9796

Protanomaly

63.7932, 66.0937, 71.6825

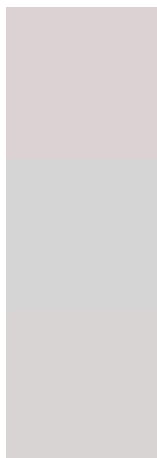
Deuteranomaly

66.1914, 65.8731, 71.5135

Tritanomaly

65.4054, 66.0876, 76.3268

Monochromacy



Original Color

64.3197, 66.0120, 70.9796

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7461, 66.4394, 71.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3197, 66.0120, 70.9796 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(220, 210, 211) looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 211)  
}
```

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(220, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.3197, 66.0120, 70.9796 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(220, 210, 211) }
```


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

```
.border{ border-color:rgb(220, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3197, 66.0120, 70.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 211) }
```

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

```
.background{ background-color: rgb(220,  
210, 211) }
```

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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