

Converting Colors

XYZ(66.8298, 66.0279, 76.9461)

Have a look what the booklet for
XYZ(66.8298, 66.0279, 76.9461)
contains.

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Color

**XYZ(66.9096, 66.1238,
76.9468)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CFDC
RGB	227, 207, 220
RGB Percent	89%, 81%, 86%
CMY	0.1098, 0.1882, 0.1372
CMYK	0.00, 0.09, 0.03, 0.11
HSL	321°, 26%, 85%
HSV	321°, 9%, 89%
XYZ	66.9096, 66.1238, 76.9468
YIQ	214.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

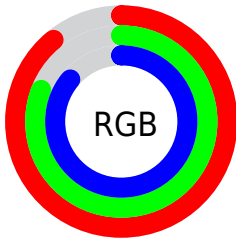
Format	Color
R_{YB}	227, 207, 220
Decimal	14929884
CIE Lab	85.06, 9.19, -3.90
CIE LCh	85, 9.982, 336.975
Yxy	66.1238, 0.3186, 0.3149
Android (android.graphics.Color)	4293119964 (0xFFE3CFDC)
YUV	214.4620, 2.7302, 10.9958
Hunter-Lab	81.3165, 4.5710, 0.8177

Details

The XYZ color **66.9096, 66.1238, 76.9468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3413, 73.0603, 74.2799**, and the grayscale version is **64.2078, 67.5516, 73.5637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1960, 34.2697, 40.3570** is the 20% darker color. If you saturate the color by 10%, you get **60.7735, 55.4952, 69.8322**, and if you desaturate by 10%, it is **73.8902, 78.3594, 84.5913**.

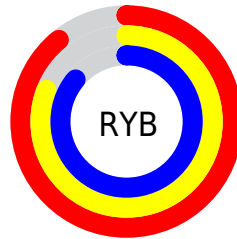
Distribution



Red (89%)

Green (81%)

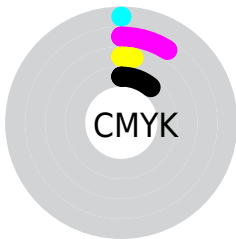
Blue (86%)



Red (89%)

Yellow (81%)

Blue (86%)

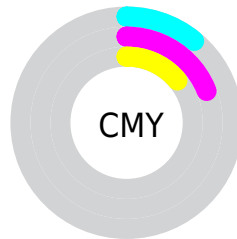


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9096, 66.1238, 76.9468 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 66.9096, 66.1238, 76.9468 by changing the saturation by 10% instead.

66.9096, 66.1238,
76.9468

66.9096, 66.1238,
76.9468

439.0605,
446.8195, 504.0155

49.2816, 48.3729,
56.6979

113.8414,
113.6640, 130.8367

35.0584, 34.1223,
40.3550

143.8759,
144.2221, 165.3148

23.8746, 22.9876,
27.4996

178.7765,
179.8181, 205.3731

15.3648, 14.5843,
17.7130

218.9088,
220.8363, 251.4300

9.1638, 8.5282,
10.5768

264.6380,
267.6611, 303.9042

4.9061, 4.4347,
5.6725

316.3294,

2.2265, 1.9196,

320.6770, 363.2141

2.5814

374.3484,
380.2683, 429.7784

■ 0.7566, 0.5601,
0.8828

■ 0.0000, 0.0000,
0.0000

■ 66.9096, 66.1238,
76.9468

■ 66.9096, 66.1238,
76.9468

■ 60.7735, 55.4952,
69.8322

■ 73.8902, 78.3594,
84.5913

■ 55.4419, 46.3977,
63.2285

■ 81.7418, 92.2569,
92.7755

■ 50.8801, 38.7617,
57.1214

■ 83.7439, 94.3731,
99.2633

■ 47.0483, 32.5093,
51.4941

■ 84.9759, 94.8659,
105.7510

■ 43.9034, 27.5549,
46.3285

■ 85.4889, 95.0711,
108.4526

■ 41.3972, 23.8037,
41.6051

■ 39.4750, 21.1475,
37.3016

■ 38.0725, 19.4587,
33.3928

■ 37.0919, 18.5433,
29.8422

Harmonies

Analogous

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



65.4834, 66.1238, 82.3426



66.9096, 66.1238, 76.9468



67.2357, 66.1238, 70.5054

Triad

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



66.9096, 66.1238, 76.9468



62.3255, 66.1238, 60.4003



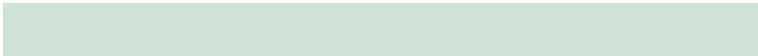
59.4597, 66.1238, 79.6995

Complementary

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



66.9096, 66.1238, 76.9468



65.3413, 73.0603, 74.2799

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.



58.6568, 66.1238, 73.5107



66.9096, 66.1238, 76.9468



60.2856, 66.1238, 62.5575

Square

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



66.9096, 66.1238, 76.9468



64.5539, 66.1238, 61.1992



58.9555, 66.1238, 67.2653



61.1738, 66.1238, 83.9969

Rectangle

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



66.9096, 66.1238, 76.9468



66.7785, 66.1238, 66.5293



58.9555, 66.1238, 67.2653



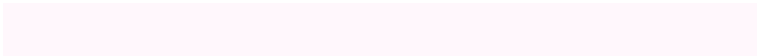
59.0762, 66.1238, 77.7576

Sweetspot

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



66.9115, 66.1267, 76.9482



92.2297, 95.0445, 105.8476



63.9121, 64.4710, 81.7496



19.5833, 20.0670, 22.4834



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.



66.9115, 66.1267, 76.9482



85.2045, 82.7744, 98.0172



65.6265, 65.6127, 70.1814



14.7696, 14.5250, 16.9871



21.6282, 10.7855, 17.4691



1.6418, 0.8144, 1.5203

Inverse Universe

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



66.9115, 66.1267, 76.9482



85.2045, 82.7744, 98.0172



66.6578, 73.5869, 81.2128



14.7696, 14.5250, 16.9871



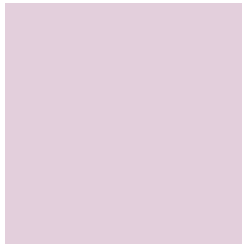
21.6282, 10.7855, 17.4691



1.6418, 0.8144, 1.5203

Previews

White Background



This preview shows how the XYZ color 66.9096, 66.1238, 76.9468 looks on a white background.

Color Contrast Check

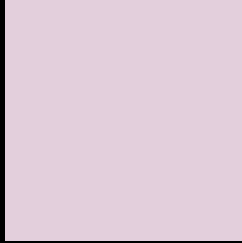
Large Text (above 18pt) WCAG AA × Fail

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 66.9096, 66.1238, 76.9468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

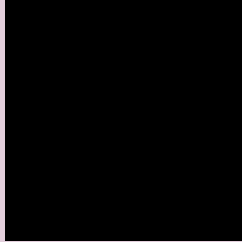
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9096, 66.1238, 76.9468

Background



This preview shows how black text looks on a background with the XYZ color 66.9096, 66.1238, 76.9468.

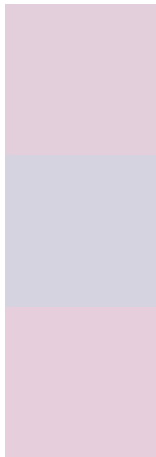


This preview shows how white text looks on a background with the XYZ color 66.9096, 66.1238,

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

66.9096, 66.1238, 76.9468

Protanopia

64.0541, 66.0624, 79.1873

Deuteranopia

67.6227, 66.1329, 76.9110



Tritanopia

67.3107, 66.2843, 79.0585

Trichromacy



Original Color

66.9096, 66.1238, 76.9468

Protanomaly

65.1449, 66.2725, 78.4656

Deuteranomaly

67.3027, 65.9679, 76.8960

Tritanomaly

67.1762, 66.2305, 78.3504

Monochromacy



Original Color

66.9096, 66.1238, 76.9468

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9024, 66.6065, 74.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9096, 66.1238, 76.9468 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(227, 207, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 220)  
}
```

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(227, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.9096, 66.1238, 76.9468 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(227, 207, 220) }
```


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

```
.border{ border-color:rgb(227, 207, 220) }
```

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

Here you see how a box with a 4 pixel rgb(227, 207, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9096, 66.1238, 76.9468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 220) }
```

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

```
.background{ background-color: rgb(227,  
207, 220) }
```

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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