

Converting Colors

XYZ(66.5407, 67.4182, 77.9137)

Have a look what the booklet for
XYZ(66.5407, 67.4182, 77.9137)
contains.

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Color

**XYZ(66.4696, 67.3386,
77.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	DED3DD
RGB	222, 211, 221
RGB Percent	87%, 83%, 87%
CMY	0.1294, 0.1725, 0.1333
CMYK	0.00, 0.05, 0.00, 0.13
HSL	305°, 14%, 85%
HSV	305°, 5%, 87%
XYZ	66.4696, 67.3386, 77.9009
YIQ	215.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

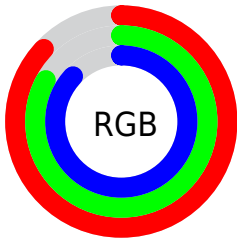
Format	Color
R _Y B	222, 211, 221
Decimal	14603229
CIE Lab	85.67, 5.56, -3.58
CIE LCh	86, 6.610, 327.237
Yxy	67.3386, 0.3140, 0.3181
Android (android.graphics.Color)	4292793309 (0xFFDED3DD)
YUV	215.4290, 2.7465, 5.7628
Hunter-Lab	82.0601, 0.9818, 1.1572

Details

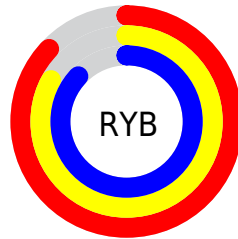
The XYZ color **66.4696, 67.3386, 77.9009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8715, 70.8467, 72.5465**, and the grayscale version is **64.8641, 68.2421, 74.3156**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8763, 35.0826, 41.0098** is the 20% darker color. If you saturate the color by 10%, you get **61.0642, 56.9548, 74.7807**, and if you desaturate by 10%, it is **72.6437, 79.2528, 81.2950**.

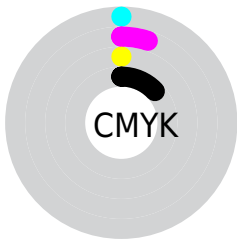
Distribution



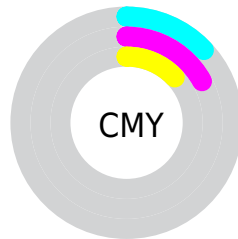
- Red (87%)
- Green (83%)
- Blue (87%)



- Red (87%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4696, 67.3386, 77.9009 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 66.4696, 67.3386, 77.9009 by changing the saturation by 10% instead.

■ 66.4696, 67.3386,
77.9009

■ 66.4696, 67.3386,
77.9009

437.5167,
451.1491, 507.3492

■ 48.9228, 49.3598,
57.4766

113.2141,
115.4055, 132.1950

■ 34.7725, 34.9050,
40.9761

143.1425,
146.2623, 166.9019

■ 23.6534, 23.5897,
27.9809

177.9288,
182.1807, 207.2068

■ 15.2001, 15.0296,
18.0723

217.9384,
223.5450, 253.5281

■ 9.0471, 8.8401,
10.8319

263.5366,
270.7396, 306.2845

■ 4.8293, 4.6371,
5.8412

315.0889,

■ 2.1812, 2.0359,

324.1489, 365.8944

2.6815

372.9604,
384.1572, 432.7765

■ 0.7328, 0.6282,
0.9341

■ 0.0000, 0.0000,
0.0000

■ 66.4696, 67.3386,
77.9009

■ 66.4696, 67.3386,
77.9009

■ 61.0642, 56.9548,
74.7807

■ 72.6437, 79.2528,
81.2950

■ 56.3907, 48.0306,
71.9195

■ 79.4806, 92.4882,
84.9251

■ 52.4179, 40.5027,
69.3078

■ 79.7578, 92.5991,
86.3848

■ 49.1101, 34.2995,
66.9335

■ 80.0382, 92.7113,
87.8617

46.4284, 29.3435,
64.7836

80.3220, 92.8248,
89.3559

44.3299, 25.5487,
62.8438

80.6090, 92.9396,
90.8674

42.7662, 22.8185,
61.0979

80.8994, 93.0557,
92.3963

41.6811, 21.0406,
59.5272

81.1930, 93.1732,
93.9427

41.0060, 20.0776,
58.1086

81.4900, 93.2920,
95.5065

Harmonies

Analogous

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



65.3379, 67.3386, 80.9446



66.4696, 67.3386, 77.9009



66.9397, 67.3386, 73.7209

Triad

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



66.4696, 67.3386, 77.9009



64.1430, 67.3386, 65.3442



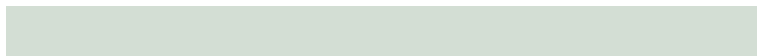
61.4628, 67.3386, 77.1820

Complementary

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



66.4696, 67.3386, 77.9009



64.8715, 70.8467, 72.5465

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.



61.1541, 67.3386, 72.9212



66.4696, 67.3386, 77.9009



62.6871, 67.3386, 66.1905

Square

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



66.4696, 67.3386, 77.9009



65.5834, 67.3386, 66.5647



61.5988, 67.3386, 68.9229



62.4489, 67.3386, 80.5182

Rectangle

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



66.4696, 67.3386, 77.9009



66.8093, 67.3386, 70.8900



61.5988, 67.3386, 68.9229



61.2771, 67.3386, 75.8055

Sweetspot

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



66.4715, 67.3415, 77.9024



94.2046, 98.3689, 108.4341



63.6094, 65.8506, 78.4661



20.1726, 21.0722, 23.2143



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.



66.4715, 67.3415, 77.9024



90.1386, 90.5344, 106.1617



65.7615, 67.0575, 74.1635



14.5889, 14.5867, 17.2261



24.2339, 11.7606, 34.2270



1.6957, 0.8216, 2.4564

Inverse Universe

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



66.4715, 67.3415, 77.9024



90.1386, 90.5344, 106.1617



65.5662, 71.1246, 76.2049



14.5889, 14.5867, 17.2261



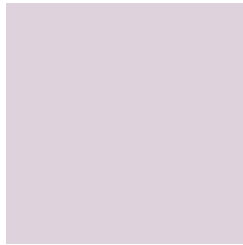
24.2339, 11.7606, 34.2270



1.6957, 0.8216, 2.4564

Previews

White Background



This preview shows how the XYZ color 66.4696, 67.3386, 77.9009 looks on a white background.

Color Contrast Check

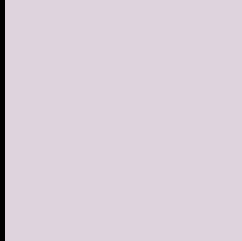
Large Text (above 18pt) WCAG AA × Fail

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 66.4696, 67.3386, 77.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

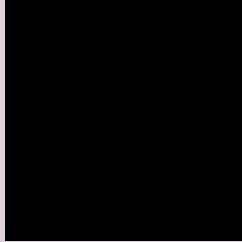
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4696, 67.3386, 77.9009

Background



This preview shows how black text looks on a background with the XYZ color 66.4696, 67.3386, 77.9009.

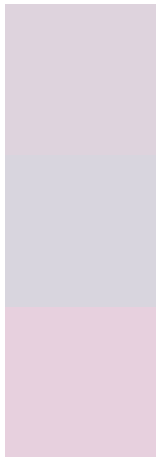


This preview shows how white text looks on a background with the XYZ color 66.4696, 67.3386,

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

66.4696, 67.3386, 77.9009

Protanopia

65.2980, 67.4614, 78.6870

Deuteranopia

68.6957, 67.3746, 78.4912



Tritanopia

67.3431, 67.3272, 82.1191

Trichromacy



Original Color

66.4696, 67.3386, 77.9009

Protanomaly

65.6417, 67.2663, 78.6312

Deuteranomaly

67.9802, 67.3688, 78.5278

Tritanomaly

67.0686, 67.2174, 80.6735

Monochromacy



Original Color

66.4696, 67.3386, 77.9009

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4844, 68.0083, 75.3212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4696, 67.3386, 77.9009 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(222, 211, 221) looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 221)  
}
```

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(222, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 221) }
```

Border

The CSS property to change the border of an element to XYZ 66.4696, 67.3386, 77.9009 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(222, 211, 221) }
```


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

```
.border{ border-color:rgb(222, 211, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4696, 67.3386, 77.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 221) }
```

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

```
.background{ background-color: rgb(222,  
211, 221) }
```

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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