

Converting Colors

XYZ(66.4092, 66.8468, 78.6615)

Have a look what the booklet for
XYZ(66.4092, 66.8468, 78.6615)
contains.

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Color

**XYZ(66.3556, 66.8967,
78.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	DED2DE
RGB	222, 210, 222
RGB Percent	87%, 82%, 87%
CMY	0.1294, 0.1765, 0.1294
CMYK	0.00, 0.05, 0.00, 0.13
HSL	300°, 15%, 85%
HSV	300°, 5%, 87%
XYZ	66.3556, 66.8967, 78.5223
YIQ	214.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

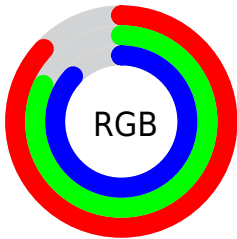
Format	Color
R _Y B	222, 210, 222
Decimal	14602974
CIE Lab	85.45, 6.27, -4.44
CIE LCh	85, 7.677, 324.702
Yxy	66.8967, 0.3133, 0.3159
Android (android.graphics.Color)	4292793054 (0xFFDED2DE)
YUV	214.9560, 3.4727, 6.1776
Hunter-Lab	81.7904, 1.6818, 0.3323

Details

The XYZ color **66.3556, 66.8967, 78.5223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3350, 70.5991, 71.2123**, and the grayscale version is **64.5389, 67.8999, 73.9430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7999, 34.7824, 41.4387** is the 20% darker color. If you saturate the color by 10%, you get **61.2512, 56.6870, 76.8217**, and if you desaturate by 10%, it is **72.2241, 78.6327, 80.4793**.

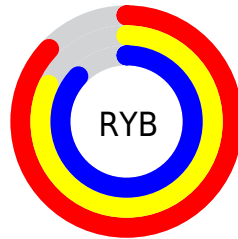
Distribution



Red (87%)

Green (82%)

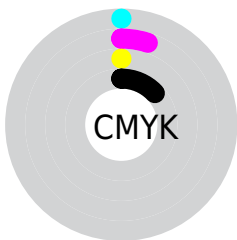
Blue (87%)



Red (87%)

Yellow (82%)

Blue (87%)

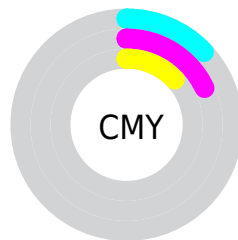


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3556, 66.8967, 78.5223 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 66.3556, 66.8967, 78.5223 by changing the saturation by 10% instead.

■ 66.3556, 66.8967,
78.5223

■ 66.3556, 66.8967,
78.5223

437.1162,
449.5770, 509.5137

■ 48.8299, 49.0007,
57.9841

113.0515,
114.7724, 133.0787

■ 34.6985, 34.6200,
41.3813

142.9523,
145.5208, 167.9340

■ 23.5962, 23.3703,
28.2952

177.7090,
181.3222, 208.3988

■ 15.1574, 14.8672,
18.3073

217.6868,
222.5609, 254.8916

■ 9.0170, 8.7262,
10.9991

263.2510,
269.6214, 307.8309

■ 4.8095, 4.5630,
5.9521

314.7671,

■ 2.1695, 1.9932,

322.8879, 367.6354

2.7476

372.6004,
382.7450, 434.7234

■ 0.7266, 0.6035,
0.9673

■ 0.0000, 0.0000,
0.0000

■ 66.3556, 66.8967,
78.5223

■ 66.3556, 66.8967,
78.5223

■ 61.2512, 56.6870,
76.8217

■ 72.2241, 78.6327,
80.4793

■ 56.8741, 47.9328,
75.3626

■ 78.8803, 91.9451,
82.6980

■ 53.1929, 40.5705,
74.1356

■ 79.0697, 92.3238,
82.7611

■ 50.1719, 34.5283,
73.1285

■ 79.0697, 92.3239,
82.7611

47.7718, 29.7283,
72.3285

79.0697, 92.3239,
82.7611

45.9498, 26.0842,
71.7212

79.0697, 92.3239,
82.7611

44.6570, 23.4987,
71.2903

79.0698, 92.3239,
82.7611

43.8370, 21.8587,
71.0169

79.0698, 92.3239,
82.7611

43.4203, 21.0253,
70.8780

79.0698, 92.3239,
82.7611

Harmonies

Analogous

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



64.9929, 66.8967, 81.9036



66.3556, 66.8967, 78.5223



66.9762, 66.8967, 73.7283

Triad

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



66.3556, 66.8967, 78.5223



63.8930, 66.8967, 63.7013



60.5894, 66.8967, 76.9207

Complementary

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



66.3556, 66.8967, 78.5223



64.3350, 70.5991, 71.2123

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.



60.3070, 66.8967, 71.9572



66.3556, 66.8967, 78.5223



62.1942, 66.8967, 64.4694

Square

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



66.3556, 66.8967, 78.5223



65.5379, 66.8967, 65.2892



60.8893, 66.8967, 67.4370



61.6680, 66.8967, 80.9498

Rectangle

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



66.3556, 66.8967, 78.5223



66.8776, 66.8967, 70.4323



60.8893, 66.8967, 67.4370



60.3991, 66.8967, 75.3002

Sweetspot

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



66.3575, 66.8996, 78.5238



93.4445, 96.7891, 108.3648



62.8621, 65.1710, 78.3743



20.0178, 20.7505, 23.2001



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.



66.3575, 66.8996, 78.5238



90.3618, 90.6237, 107.3373



65.5935, 66.5940, 74.5004



14.6286, 14.6026, 17.4353



25.7246, 12.3568, 42.0776



1.7831, 0.8565, 2.9166

Inverse Universe

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



64.8060, 66.2790, 70.3537



87.9955, 89.6771, 94.8762



65.0707, 70.8934, 75.0868



14.2091, 14.4348, 15.2263



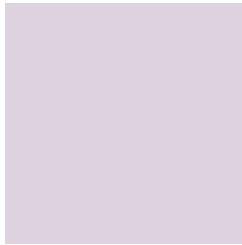
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0580

Previews

White Background



This preview shows how the XYZ color 66.3556, 66.8967, 78.5223 looks on a white background.

Color Contrast Check

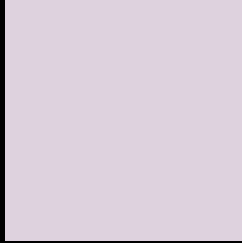
Large Text (above 18pt) WCAG AA × Fail

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 66.3556, 66.8967, 78.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

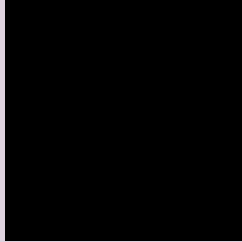
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3556, 66.8967, 78.5223

Background



This preview shows how black text looks on a background with the XYZ color 66.3556, 66.8967, 78.5223.

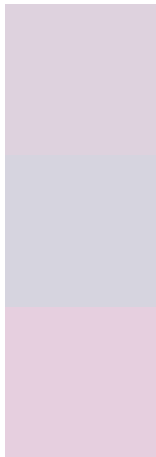


This preview shows how white text looks on a background with the XYZ color 66.3556, 66.8967,

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

66.3556, 66.8967, 78.5223

Protanopia

64.5943, 66.7108, 79.2840

Deuteranopia

68.2652, 66.7764, 79.1032



Tritanopia

66.9594, 66.7799, 81.3122

Trichromacy



Original Color

66.3556, 66.8967, 78.5223

Protanomaly

65.2288, 66.6680, 79.2423

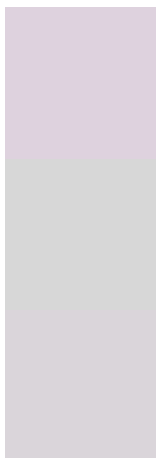
Deuteranomaly

67.5537, 66.7704, 79.1395

Tritanomaly

66.8225, 66.7251, 80.5915

Monochromacy



Original Color

66.3556, 66.8967, 78.5223

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.3626, 67.5559, 75.9243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3556, 66.8967, 78.5223 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, 210, 222) looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 222)  
}
```

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, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.3556, 66.8967, 78.5223 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, 210, 222) }
```


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

```
.border{ border-color:rgb(222, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3556, 66.8967, 78.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 222) }
```

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

```
.background{ background-color: rgb(222,  
210, 222) }
```

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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