

Converting Colors

XYZ(66.9914, 66.7337, 79.6092)

Have a look what the booklet for
XYZ(66.9914, 66.7337, 79.6092)
contains.

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Color

**XYZ(66.9955, 66.8300,
79.8895)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1E0
RGB	224, 209, 224
RGB Percent	88%, 82%, 88%
CMY	0.1216, 0.1804, 0.1216
CMYK	0.00, 0.07, 0.00, 0.12
HSL	300°, 19%, 85%
HSV	300°, 7%, 88%
XYZ	66.9955, 66.8300, 79.8895
YIQ	215.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

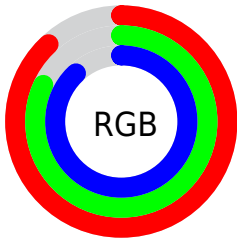
Format	Color
R_{YB}	224, 209, 224
Decimal	14733792
CIE Lab	85.42, 7.83, -5.53
CIE LCh	85, 9.587, 324.780
Yxy	66.8300, 0.3135, 0.3127
Android (android.graphics.Color)	4292923872 (0xFFE0D1E0)
YUV	215.1950, 4.3409, 7.7220
Hunter-Lab	81.7496, 3.2226, -0.7162

Details

The XYZ color **66.9955, 66.8300, 79.8895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4613, 71.4719, 70.7230**, and the grayscale version is **64.6946, 68.0637, 74.1214**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2450, 34.7423, 42.3844** is the 20% darker color. If you saturate the color by 10%, you get **61.8823, 56.6027, 78.1858**, and if you desaturate by 10%, it is **72.8852, 78.6084, 81.8537**.

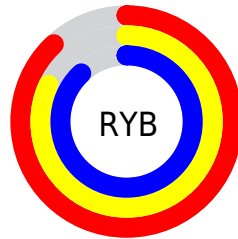
Distribution



Red (88%)

Green (82%)

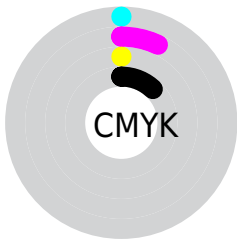
Blue (88%)



Red (88%)

Yellow (82%)

Blue (88%)

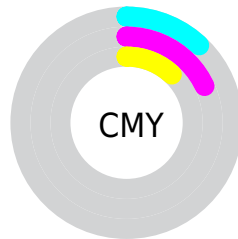


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9955, 66.8300, 79.8895 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 66.9955, 66.8300, 79.8895 by changing the saturation by 10% instead.

66.9955, 66.8300,
79.8895

66.9955, 66.8300,
79.8895

439.3615,
449.3394, 514.2573

49.3517, 48.9465,
59.1018

113.9638,
114.6768, 135.0204

35.1142, 34.5770,
42.2745

144.0190,
145.4088, 170.2006

23.9178, 23.3372,
28.9891

178.9419,
181.1925, 211.0154

15.3970, 14.8427,
18.8271

219.0981,
222.4123, 257.8834

9.1866, 8.7091,
11.3699

264.8528,
269.4524, 311.2230

4.9212, 4.5519,
6.1989

316.5713,

2.2354, 1.9868,

322.6974, 371.4528

2.8957

374.6191,
382.5316, 438.9914

■ 0.7613, 0.5998,
1.0416

■ 0.0000, 0.0000,
0.0000

■ 66.9955, 66.8300,
79.8895

■ 66.9955, 66.8300,
79.8895

■ 61.8823, 56.6027,
78.1858

■ 72.8852, 78.6084,
81.8537

■ 57.5078, 47.8537,
76.7275

■ 79.5759, 91.9897,
84.0840

■ 53.8396, 40.5173,
75.5046

■ 79.9558, 92.7495,
84.2108

■ 50.8407, 34.5195,
74.5048

■ 79.9558, 92.7495,
84.2110

48.4707, 29.7796,
73.7147

79.9559, 92.7495,
84.2111

46.6849, 26.2080,
73.1192

79.9559, 92.7495,
84.2113

45.4326, 23.7036,
72.7017

79.9559, 92.7495,
84.2114

44.6548, 22.1480,
72.4423

79.9559, 92.7495,
84.2116

44.2758, 21.3901,
72.3158

79.9560, 92.7496,
84.2117

Harmonies

Analogous

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



65.2877, 66.8300, 84.1829



66.9955, 66.8300, 79.8895



67.7732, 66.8300, 73.8608

Triad

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



66.9955, 66.8300, 79.8895



63.9009, 66.8300, 61.4865



59.8007, 66.8300, 77.8991

Complementary

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



66.9955, 66.8300, 79.8895



64.4613, 71.4719, 70.7230

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.



59.4484, 66.8300, 71.6830



66.9955, 66.8300, 79.8895



61.7844, 66.8300, 62.4320

Square

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



66.9955, 66.8300, 79.8895



65.9607, 66.8300, 63.4203



60.1667, 66.8300, 66.0800



61.1401, 66.8300, 82.9886

Rectangle

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



66.9955, 66.8300, 79.8895



67.6470, 66.8300, 69.7557



60.1667, 66.8300, 66.0800



59.5642, 66.8300, 75.8627

Sweetspot

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



66.9974, 66.8329, 79.8910



93.4445, 96.7891, 108.3648



62.5524, 64.5414, 79.6830



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.



66.9974, 66.8329, 79.8910



88.8839, 87.6679, 106.8445



66.0026, 66.4349, 74.6520



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Inverse Universe

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



66.9974, 66.8329, 79.8910



88.8839, 87.6679, 106.8445



65.4119, 71.8522, 75.7287



14.2951, 13.9357, 17.3241



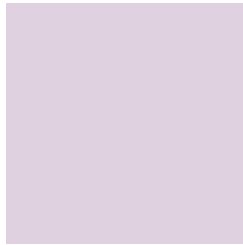
25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 66.9955, 66.8300, 79.8895 looks on a white background.

Color Contrast Check

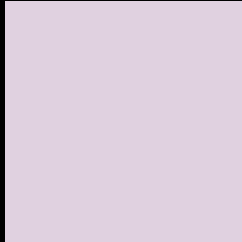
Large Text (above 18pt) WCAG AA × Fail

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 66.9955, 66.8300, 79.8895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

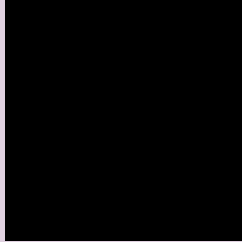
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9955, 66.8300, 79.8895

Background



This preview shows how black text looks on a background with the XYZ color 66.9955, 66.8300, 79.8895.



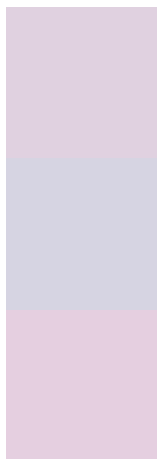
This preview shows how white text looks on a background with the XYZ color 66.9955, 66.8300,

79.8895.

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

66.9955, 66.8300, 79.8895

Protanopia

65.0025, 66.8741, 81.4335

Deuteranopia

68.0805, 66.6655, 79.8005



Tritanopia

67.1315, 66.8845, 80.6059

Trichromacy



Original Color

66.9955, 66.8300, 79.8895

Protanomaly

65.7983, 66.9302, 80.6850

Deuteranomaly

67.6890, 66.8245, 79.8518

Tritanomaly

67.1315, 66.8845, 80.6059

Monochromacy



Original Color

66.9955, 66.8300, 79.8895

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 66.9955, 66.8300, 79.8895 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(224, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 224)  
}
```

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(224, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.9955, 66.8300, 79.8895 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(224, 209, 224) }
```


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

```
.border{ border-color:rgb(224, 209, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 209, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9955, 66.8300, 79.8895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 224) }
```

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

```
.background{ background-color: rgb(224,  
209, 224) }
```

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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