

Converting Colors

XYZ(65.7675, 66.1472, 79.5802)

Have a look what the booklet for
XYZ(65.7675, 66.1472, 79.5802)
contains.

XYZ(65.7702, 66.1984, 79.8321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.7702, 66.1984,
79.8321)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD1E0
RGB	220, 209, 224
RGB Percent	86%, 82%, 88%
CMY	0.1372, 0.1804, 0.1216
CMYK	0.02, 0.07, 0.00, 0.12
HSL	284°, 19%, 85%
HSV	284°, 7%, 88%
XYZ	65.7702, 66.1984, 79.8321
YIQ	213.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

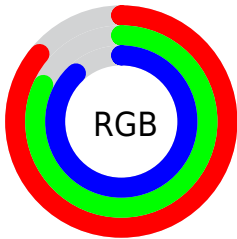
Format	Color
R _Y B	220, 209, 224
Decimal	14471648
CIE Lab	85.10, 6.48, -6.04
CIE LCh	85, 8.860, 317.038
Yxy	66.1984, 0.3105, 0.3126
Android (android.graphics.Color)	4292661728 (0xFFDCD1E0)
YUV	213.9990, 4.9305, 5.2629
Hunter-Lab	81.3624, 1.9083, -1.2212

Details

The XYZ color **65.7702, 66.1984, 79.8321** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6073, 72.0626, 70.7766**, and the grayscale version is **63.8846, 67.2115, 73.1933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3998, 34.3066, 42.3449** is the 20% darker color. If you saturate the color by 10%, you get **58.8808, 55.0554, 78.0454**, and if you desaturate by 10%, it is **73.5008, 78.9258, 81.8823**.

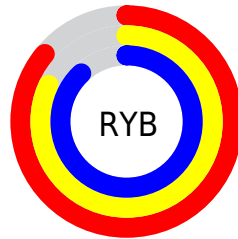
Distribution



Red (86%)

Green (82%)

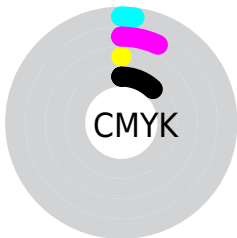
Blue (88%)



Red (86%)

Yellow (82%)

Blue (88%)

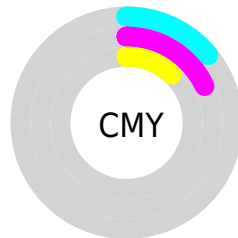


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7702, 66.1984, 79.8321 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 65.7702, 66.1984, 79.8321 by changing the saturation by 10% instead.

65.7702, 66.1984,
79.8321

65.7702, 66.1984,
79.8321

435.0562,
447.0861, 514.0587

48.3529, 48.4335,
59.0548

112.2160,
113.7710, 134.9389

34.3188, 34.1703,
42.2370

141.9752,
144.3476, 170.1056

23.3027, 23.0245,
28.9599

176.5791,
179.9634, 210.9057

14.9391, 14.6116,
18.8052

216.3930,
221.0029, 257.7580

8.8627, 8.5472,
11.3542

261.7823,
267.8506, 311.0809

4.7081, 4.4471,
6.1885

313.1124,

2.1100, 1.9267,

320.8907, 371.2929

2.8894

370.7486,
380.5078, 438.8127

■ 0.6947, 0.5643,
1.0384

■ 0.0000, 0.0000,
0.0000

■ 65.7702, 66.1984,
79.8321

■ 65.7702, 66.1984,
79.8321

■ 58.8808, 55.0554,
78.0454

■ 73.5008, 78.9258,
81.8823

■ 52.7940, 45.4237,
76.5071

■ 82.0976, 93.2897,
84.2017

■ 47.4768, 37.2372,
75.2072

■ 84.4497, 95.0662,
84.4206

■ 42.8915, 30.4216,
74.1333

■ 86.4884, 96.1172,
84.5160

■ 38.9970, 24.8957,
73.2720

■ 88.5943, 97.2028,
84.6146

■ 35.7479, 20.5698,
72.6082

■ 90.4547, 98.1619,
84.7017

■ 33.0929, 17.3423,
72.1252

■ 30.9721, 15.0943,
71.8031

■ 29.3090, 13.6744,
71.6167

Harmonies

Analogous

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



64.0508, 66.1984, 83.1069



65.7702, 66.1984, 79.8321



66.7343, 66.1984, 74.5724

Triad

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



65.7702, 66.1984, 79.8321



63.7844, 66.1984, 61.8892



59.3210, 66.1984, 75.3476

Complementary

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



65.7702, 66.1984, 79.8321



65.6073, 72.0626, 70.7766

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.



59.2531, 66.1984, 69.6414



65.7702, 66.1984, 79.8321



61.8017, 66.1984, 62.0722

Square

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



65.7702, 66.1984, 79.8321



65.5716, 66.1984, 64.3307



60.1526, 66.1984, 64.8445



60.3401, 66.1984, 80.4254

Rectangle

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



65.7702, 66.1984, 79.8321



66.8060, 66.1984, 70.7404



60.1526, 66.1984, 64.8445



59.1870, 66.1984, 73.4340

Sweetspot

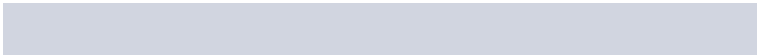
The Sweet Spot groups the original color and five complimentary colors.



65.7721, 66.2012, 79.8335



92.9458, 96.5320, 108.3415



63.6089, 66.6544, 80.0350



19.9163, 20.6982, 23.1954



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.



65.7721, 66.2012, 79.8335



86.9103, 86.6504, 106.7523



66.5608, 66.6582, 77.5918



13.9197, 13.7422, 17.3065



16.8877, 7.8013, 41.6641



1.2540, 0.5837, 2.8918

Inverse Universe

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



65.5535, 66.2553, 72.2877



86.5682, 86.7416, 94.6504



64.8678, 71.6344, 72.8636



13.8566, 13.7603, 15.0151



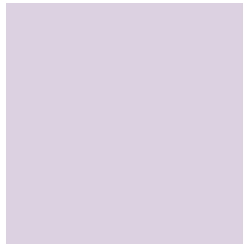
18.4049, 9.4290, 3.5319



1.3124, 0.6682, 0.4380

Previews

White Background



This preview shows how the XYZ color 65.7702, 66.1984, 79.8321 looks on a white background.

Color Contrast Check

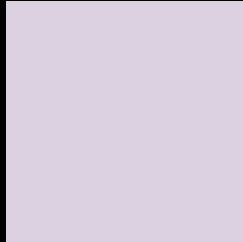
Large Text (above 18pt) WCAG AA × Fail

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 65.7702, 66.1984, 79.8321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

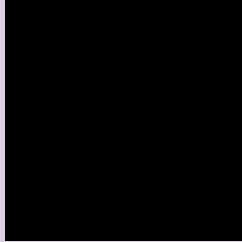
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7702, 66.1984, 79.8321

Background



This preview shows how black text looks on a background with the XYZ color 65.7702, 66.1984, 79.8321.

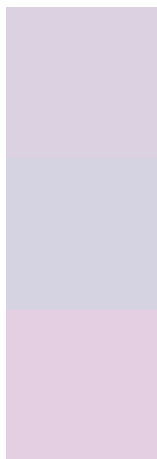


This preview shows how white text looks on a background with the XYZ color 65.7702, 66.1984,

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

65.7702, 66.1984, 79.8321

Protanopia

64.3254, 66.1709, 80.6161

Deuteranopia

67.6568, 66.0728, 80.4216



Tritanopia

65.9063, 66.2528, 80.5486

Trichromacy



Original Color

65.7702, 66.1984, 79.8321

Protanomaly

64.9561, 66.1284, 80.5747

Deuteranomaly

66.9548, 66.0694, 80.4579

Tritanomaly

65.9063, 66.2528, 80.5486

Monochromacy



Original Color

65.7702, 66.1984, 79.8321

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5173, 66.7479, 75.8129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7702, 66.1984, 79.8321 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, 209, 224) looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 65.7702, 66.1984, 79.8321 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, 209, 224) }
```


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

```
.border{ border-color:rgb(220, 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(220, 209, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7702, 66.1984, 79.8321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 224) }
```

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

```
.background{ background-color: rgb(220,  
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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