

Converting Colors

XYZ(64.0010, 65.2946, 79.7634)

Have a look what the booklet for
XYZ(64.0010, 65.2946, 79.7634)
contains.

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Color

**XYZ(63.9866, 65.2789,
79.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D1E0
RGB	214, 209, 224
RGB Percent	84%, 82%, 88%
CMY	0.1608, 0.1804, 0.1216
CMYK	0.04, 0.07, 0.00, 0.12
HSL	260°, 19%, 85%
HSV	260°, 7%, 88%
XYZ	63.9866, 65.2789, 79.7486
YIQ	212.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

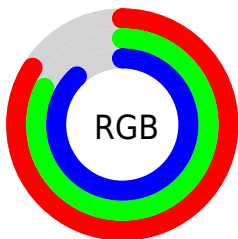
Format	Color
R _Y B	214, 209, 224
Decimal	14078432
CIE Lab	84.63, 4.48, -6.79
CIE LCh	85, 8.130, 303.411
Yxy	65.2789, 0.3061, 0.3123
Android (android.graphics.Color)	4292268512 (0xFFD6D1E0)
YUV	212.2050, 5.8149, 1.5742
Hunter-Lab	80.7954, -0.0272, -1.9651

Details

The XYZ color **63.9866, 65.2789, 79.7486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3800, 72.9765, 70.8594**, and the grayscale version is **62.6807, 65.9449, 71.8140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1809, 33.6782, 42.2878** is the 20% darker color. If you saturate the color by 10%, you get **54.7119, 52.9062, 77.8502**, and if you desaturate by 10%, it is **74.4375, 79.4086, 81.9261**.

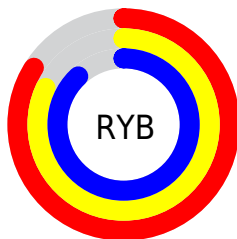
Distribution



Red (84%)

Green (82%)

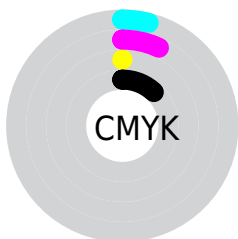
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

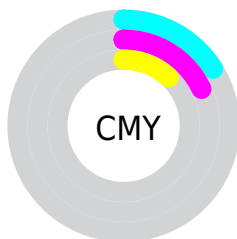


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9866, 65.2789, 79.7486 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 63.9866, 65.2789, 79.7486 by changing the saturation by 10% instead.

■ 63.9866, 65.2789,
79.7486

■ 63.9866, 65.2789,
79.7486

428.7442,
443.7935, 513.7696

■ 46.9015, 47.6873,
58.9865

109.6655,
112.4507, 134.8204

■ 33.1654, 33.5793,
42.1824

138.9899,
142.7997, 169.9673

■ 22.4130, 22.5706,
28.9175

173.1249,
178.1700, 210.7461

■ 14.2790, 14.2768,
18.7734

212.4356,
218.9458, 257.5756

■ 8.3980, 8.3134,
11.3315

257.2876,
265.5117, 310.8741

■ 4.4046, 4.2961,
6.1733

308.0461,

■ 1.9335, 1.8406,

318.2520, 371.0602

2.8802

365.0766,
377.5512, 438.5526

■ 0.5962, 0.5123,
1.0338

■ 0.0000, 0.0000,
0.0000

■ 63.9866, 65.2789,
79.7486

■ 63.9866, 65.2789,
79.7486

■ 54.7119, 52.9062,
77.8502

■ 74.4375, 79.4086,
81.9261

■ 46.5650, 42.2124,
76.2155

■ 86.0995, 95.3526,
84.3889

■ 39.5023, 33.1261,
74.8340

■ 90.4547, 98.1619,
84.7016

■ 33.4751, 25.5672,
73.6926

■ 28.4308, 19.4486,
72.7775

■ 24.3118, 14.6742,
72.0730

■ 21.0537, 11.1358,
71.5617

■ 18.5827, 8.7073,
71.2232

■ 16.8076, 7.2296,
71.0316

Harmonies

Analogous

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



62.2534, 65.2789, 81.5254



63.9866, 65.2789, 79.7486



65.2180, 65.2789, 75.6443

Triad

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



63.9866, 65.2789, 79.7486



63.6203, 65.2789, 62.5118



58.6278, 65.2789, 71.6737

Complementary

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



63.9866, 65.2789, 79.7486



67.3800, 72.9765, 70.8594

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.



58.9778, 65.2789, 66.6986



63.9866, 65.2789, 79.7486



61.8383, 65.2789, 61.5629

Square

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



63.9866, 65.2789, 79.7486



65.0037, 65.2789, 65.7166



60.1443, 65.2789, 63.0591



59.1787, 65.2789, 76.7226

Rectangle

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



63.9866, 65.2789, 79.7486



65.5763, 65.2789, 72.2303



60.1443, 65.2789, 63.0591



58.6440, 65.2789, 69.9372

Sweetspot

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



63.9885, 65.2817, 79.7500



92.2045, 96.1498, 108.3068



65.1481, 69.7328, 80.5481



19.7654, 20.6204, 23.1883



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.



63.9885, 65.2817, 79.7500



84.0554, 85.1786, 106.6187



66.1520, 66.3970, 79.8513



13.3802, 13.4640, 17.2813



9.6131, 4.0511, 41.3236



0.7590, 0.3286, 2.8687

Inverse Universe

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



66.3294, 66.5656, 76.3735



87.8087, 87.2378, 101.1824



65.2459, 71.8763, 70.7595



14.0907, 13.8539, 16.2479



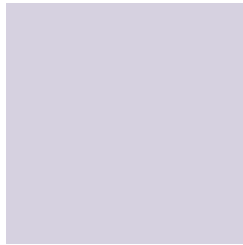
21.1231, 10.5162, 17.8459



1.5052, 0.7453, 1.4530

Previews

White Background



This preview shows how the XYZ color 63.9866, 65.2789, 79.7486 looks on a white background.

Color Contrast Check

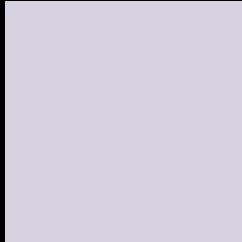
Large Text (above 18pt) WCAG AA × Fail

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 63.9866, 65.2789, 79.7486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

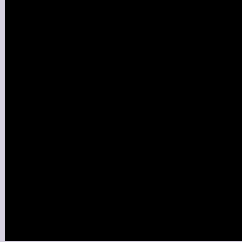
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9866, 65.2789, 79.7486

Background



This preview shows how black text looks on a background with the XYZ color 63.9866, 65.2789, 79.7486.

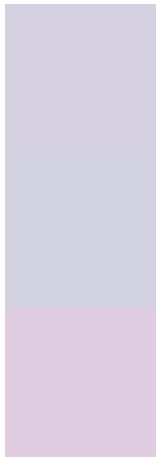


This preview shows how white text looks on a background with the XYZ color 63.9866, 65.2789,

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

63.9866, 65.2789, 79.7486

Protanopia

63.5012, 65.3783, 80.5066

Deuteranopia

66.4733, 65.1064, 80.2974



Tritanopia

64.1226, 65.3333, 80.4651

Trichromacy



Original Color

63.9866, 65.2789, 79.7486

Protanomaly

63.7886, 65.5265, 80.5200

Deuteranomaly

65.4807, 64.9510, 80.3198

Tritanomaly

64.1226, 65.3333, 80.4651

Monochromacy



Original Color

63.9866, 65.2789, 79.7486

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.1295, 65.6925, 74.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9866, 65.2789, 79.7486 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(214, 209, 224) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 63.9866, 65.2789, 79.7486 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(214, 209, 224) }
```


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

```
.border{ border-color:rgb(214, 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(214, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9866, 65.2789, 79.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 224) }
```

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

```
.background{ background-color: rgb(214,  
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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