

Converting Colors

XYZ(65.2033, 65.5451, 78.7715)

Have a look what the booklet for
XYZ(65.2033, 65.5451, 78.7715)
contains.

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Color

**XYZ(65.3904, 65.6551,
79.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD0DF
RGB	220, 208, 223
RGB Percent	86%, 82%, 87%
CMY	0.1372, 0.1843, 0.1255
CMYK	0.01, 0.07, 0.00, 0.13
HSL	288°, 19%, 85%
HSV	288°, 7%, 87%
XYZ	65.3904, 65.6551, 79.0383
YIQ	213.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

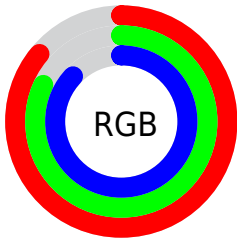
Format	Color
R _Y B	220, 208, 223
Decimal	14471391
CIE Lab	84.82, 6.83, -5.92
CIE LCh	85, 9.034, 319.083
Yxy	65.6551, 0.3113, 0.3125
Android (android.graphics.Color)	4292661471 (0xFFDCD0DF)
YUV	213.2980, 4.7831, 5.8777
Hunter-Lab	81.0278, 2.2529, -1.1147

Details

The XYZ color **65.3904, 65.6551, 79.0383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6392, 71.1800, 70.0100**, and the grayscale version is **63.4148, 66.7173, 72.6551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1405, 33.9377, 41.7970** is the 20% darker color. If you saturate the color by 10%, you get **58.9998, 54.8505, 77.2906**, and if you desaturate by 10%, it is **72.5853, 78.0127, 81.0453**.

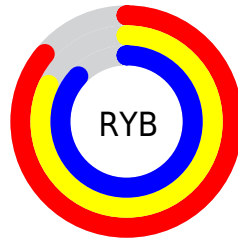
Distribution



Red (86%)

Green (82%)

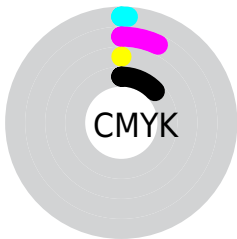
Blue (87%)



Red (86%)

Yellow (82%)

Blue (87%)

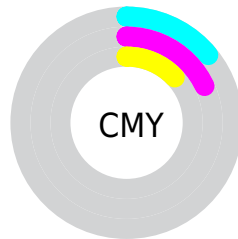


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3904, 65.6551, 79.0383 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 65.3904, 65.6551, 79.0383 by changing the saturation by 10% instead.

65.3904, 65.6551,
79.0383

65.3904, 65.6551,
79.0383

433.7166,
445.1424, 511.3069

48.0436, 47.9925,
58.4058

111.6735,
112.9912, 133.8119

34.0728, 33.8209,
41.7181

141.3406,
143.4334, 168.7901

23.1127, 22.7561,
28.5567

175.8450,
178.9043, 209.3873

14.7979, 14.4135,
18.5030

215.5523,
219.7882, 256.0220

8.7631, 8.4088,
11.1386

260.8278,
266.4696, 309.1128

4.6428, 4.3576,
6.0448

312.0367,

2.0718, 1.8756,

319.3328, 369.0782

2.8031

369.5446,
378.7623, 436.3367

■ 0.6738, 0.5336,
0.9950

■ 0.0000, 0.0000,
0.0000

■ 65.3904, 65.6551,
79.0383

■ 65.3904, 65.6551,
79.0383

■ 58.9998, 54.8505,
77.2906

■ 72.5853, 78.0127,
81.0453

■ 53.3757, 45.5269,
75.7874

■ 80.6088, 91.9748,
83.3174

■ 48.4858, 37.6191,
74.5188

■ 82.8091, 94.2361,
83.6379

■ 44.2933, 31.0537,
73.4725

■ 84.2871, 94.9980,
83.7071

40.7578, 25.7507,
72.6352

85.8022, 95.7790,
83.7780

37.8349, 21.6214,
71.9923

87.3546, 96.5793,
83.8506

35.4742, 18.5656,
71.5268

88.9447, 97.3991,
83.9250

33.6169, 16.4659,
71.2195

90.3195, 98.1078,
83.9894

32.1876, 15.1724,
71.0451

Harmonies

Analogous

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



63.6842, 65.6551, 82.5459



65.3904, 65.6551, 79.0383



66.3029, 65.6551, 73.6188

Triad

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



65.3904, 65.6551, 79.0383



63.1431, 65.6551, 61.0925



58.7972, 65.6551, 75.1934

Complementary

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



65.3904, 65.6551, 79.0383



64.6392, 71.1800, 70.0100

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.



58.6595, 65.6551, 69.3972



65.3904, 65.6551, 79.0383



61.1395, 65.6551, 61.4632

Square

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



65.3904, 65.6551, 79.0383



64.9869, 65.6551, 63.3915



59.5084, 65.6551, 64.4331



59.8889, 65.6551, 80.2444

Rectangle

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



65.3904, 65.6551, 79.0383



66.3255, 65.6551, 69.7421



59.5084, 65.6551, 64.4331



58.6387, 65.6551, 73.2612

Sweetspot

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



65.3923, 65.6579, 79.0397



93.0702, 96.5961, 108.3473



62.6908, 65.4534, 79.1426



19.9416, 20.7112, 23.1966



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.



65.3923, 65.6579, 79.0397



87.3986, 86.9021, 106.7751



65.7426, 65.9039, 76.1028



14.0124, 13.7899, 17.3109



18.7744, 8.7739, 41.7524



1.3704, 0.6438, 2.8973

Inverse Universe

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



64.7474, 65.5058, 70.8625



86.3668, 86.6610, 93.5894



64.3176, 70.9530, 72.7609



13.8188, 13.7451, 14.8158



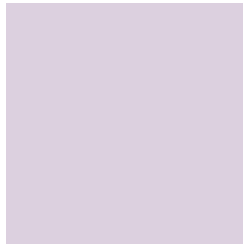
18.1995, 9.3468, 2.4502



1.2934, 0.6606, 0.3376

Previews

White Background



This preview shows how the XYZ color 65.3904, 65.6551, 79.0383 looks on a white background.

Color Contrast Check

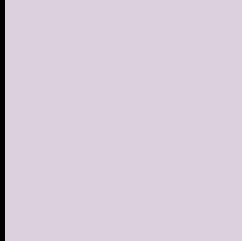
Large Text (above 18pt) WCAG AA × Fail

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 65.3904, 65.6551, 79.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

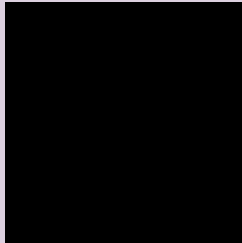
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3904, 65.6551, 79.0383

Background



This preview shows how black text looks on a background with the XYZ color 65.3904, 65.6551, 79.0383.

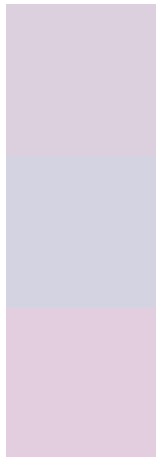


This preview shows how white text looks on a background with the XYZ color 65.3904, 65.6551,

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

65.3904, 65.6551, 79.0383

Protanopia

64.0363, 66.0218, 80.6026

Deuteranopia

67.0691, 65.8012, 78.9780



Tritanopia

65.5256, 65.7092, 79.7506

Trichromacy



Original Color

65.3904, 65.6551, 79.0383

Protanomaly

64.5255, 65.9221, 79.8444

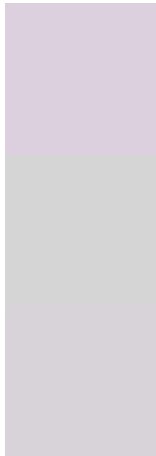
Deuteranomaly

66.3726, 65.8007, 79.0146

Tritanomaly

65.5256, 65.7092, 79.7506

Monochromacy



Original Color

65.3904, 65.6551, 79.0383

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1376, 66.1972, 75.0426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3904, 65.6551, 79.0383 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, 208, 223) looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 223)  
}
```

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, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.3904, 65.6551, 79.0383 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, 208, 223) }
```


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

```
.border{ border-color:rgb(220, 208, 223) }
```

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

Here you see how a box with a 4 pixel rgb(220, 208, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 208,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3904, 65.6551, 79.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 208, 223) }
```

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

```
.background{ background-color: rgb(220,  
208, 223) }
```

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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