

Converting Colors

XYZ(61.6785, 63.3778, 79.0168)

Have a look what the booklet for
XYZ(61.6785, 63.3778, 79.0168)
contains.

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Color

**XYZ(61.6445, 63.3633,
78.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFDF
RGB	208, 207, 223
RGB Percent	82%, 81%, 87%
CMY	0.1843, 0.1882, 0.1255
CMYK	0.07, 0.07, 0.00, 0.13
HSL	244°, 20%, 84%
HSV	244°, 7%, 87%
XYZ	61.6445, 63.3633, 78.7934
YIQ	209.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

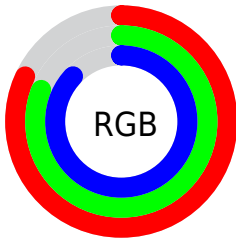
Format	Color
R _Y B	208, 207, 223
Decimal	13684703
CIE Lab	83.63, 3.35, -7.78
CIE LCh	84, 8.467, 293.291
Yxy	63.3633, 0.3025, 0.3109
Android (android.graphics.Color)	4291874783 (0xFFD0CFDF)
YUV	209.1230, 6.8414, -0.9849
Hunter-Lab	79.6011, -1.0683, -2.9677

Details

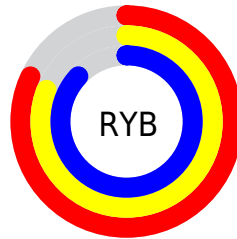
The XYZ color **61.6445, 63.3633, 78.7934** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7769, 72.8117, 69.5166**, and the grayscale version is **60.6450, 63.8033, 69.4818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7855, 32.4796, 41.6397** is the 20% darker color. If you saturate the color by 10%, you get **51.1224, 50.4786, 76.8619**, and if you desaturate by 10%, it is **73.7085, 78.1791, 81.0183**.

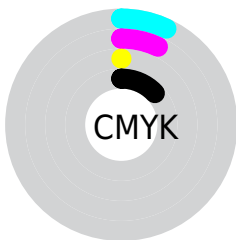
Distribution



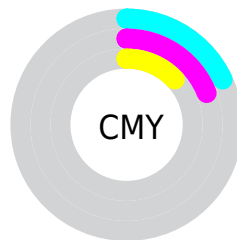
- Red (82%)
- Green (81%)
- Blue (87%)



- Red (82%)
- Yellow (81%)
- Blue (87%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6445, 63.3633, 78.7934 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 61.6445, 63.3633, 78.7934 by changing the saturation by 10% instead.

■ 61.6445, 63.3633,
78.7934

■ 61.6445, 63.3633,
78.7934

420.3714,
436.8868, 510.4563

■ 45.0000, 46.1352,
58.2056

106.3044,
109.6935, 133.4640

■ 31.6587, 32.3525,
41.5582

135.0505,
139.5643, 168.3839

■ 21.2552, 21.6309,
28.4325

168.5613,
174.4182, 208.9183

■ 13.4242, 13.5859,
18.4101

207.2020,
214.6395, 255.4857

■ 7.8003, 7.8332,
11.0723

251.3380,
260.6126, 308.5047

■ 4.0182, 3.9884,
6.0007

301.3347,

■ 1.7124, 1.6671,

312.7219, 368.3937

2.7767

357.5573,
371.3518, 435.5714

■ 0.4640, 0.4022,
0.9818

■ 0.0000, 0.0000,
0.0000

■ 61.6445, 63.3633,
78.7934

■ 61.6445, 63.3633,
78.7934

■ 51.1224, 50.4786,
76.8619

■ 73.7085, 78.1791,
81.0183

■ 42.0747, 39.4377,
75.2077

■ 87.3672, 94.9924,
83.5437

■ 34.4373, 30.1587,
73.8192

■ 90.3195, 98.1078,
83.9894

■ 28.1388, 22.5504,
72.6826

■ 23.1021, 16.5134,
71.7828

■ 19.2419, 11.9377,
71.1031

■ 16.4622, 8.6991,
70.6245

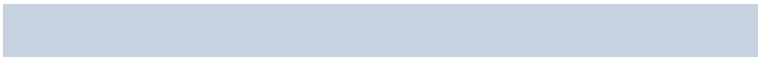
■ 14.6522, 6.6528,
70.3249

■ 13.6724, 5.6113,
70.1755

Harmonies

Analogous

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



59.8097, 63.3633, 79.6284



61.6445, 63.3633, 78.7934



63.1262, 63.3633, 75.2717

Triad

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



61.6445, 63.3633, 78.7934



62.3795, 63.3633, 61.1318



56.7558, 63.3633, 67.8069

Complementary

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



61.6445, 63.3633, 78.7934



67.7769, 72.8117, 69.5166

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.



57.4139, 63.3633, 63.0714



61.6445, 63.3633, 78.7934



60.6420, 63.3633, 59.3474

Square

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



61.6445, 63.3633, 78.7934



63.5566, 63.3633, 65.0359



58.8273, 63.3633, 60.0389



57.0118, 63.3633, 73.1050

Rectangle

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



61.6445, 63.3633, 78.7934



63.7017, 63.3633, 71.9668



58.8273, 63.3633, 60.0389



56.8770, 63.3633, 66.1000

Sweetspot

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



61.6464, 63.3660, 78.7948



91.7069, 95.8933, 108.2835



65.2279, 70.9436, 80.0687



19.6641, 20.5681, 23.1836



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.



61.6464, 63.3660, 78.7948



80.6818, 82.3658, 106.2536



63.8943, 64.5248, 78.9000



13.0307, 13.2838, 17.2649



7.9690, 3.2035, 41.2467



0.5806, 0.2366, 2.8603

Inverse Universe

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



65.9314, 65.5905, 78.2960



87.9313, 86.1296, 105.3959



65.4421, 71.6081, 69.4073



14.2562, 13.9201, 17.1195



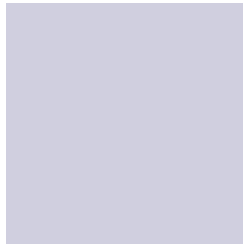
24.6838, 11.9405, 36.5962



1.7223, 0.8322, 2.5963

Previews

White Background



This preview shows how the XYZ color 61.6445, 63.3633, 78.7934 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 61.6445, 63.3633, 78.7934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

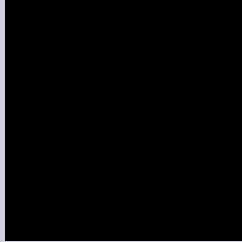
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6445, 63.3633, 78.7934

Background



This preview shows how black text looks on a background with the XYZ color 61.6445, 63.3633, 78.7934.

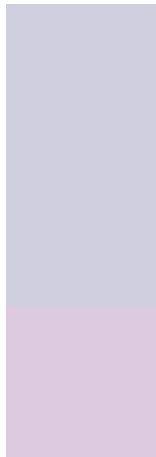


This preview shows how white text looks on a background with the XYZ color 61.6445, 63.3633,

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

61.6445, 63.3633, 78.7934

Protanopia

61.6445, 63.3633, 78.7934

Deuteranopia

64.3939, 62.9950, 79.2863



Tritanopia

61.6445, 63.3633, 78.7934

Trichromacy



Original Color

61.6445, 63.3633, 78.7934

Protanomaly

61.6445, 63.3633, 78.7934

Deuteranomaly

63.3663, 63.1665, 79.3736

Tritanomaly

61.6445, 63.3633, 78.7934

Monochromacy



Original Color

61.6445, 63.3633, 78.7934

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.9880, 63.5221, 72.6649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6445, 63.3633, 78.7934 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(208, 207, 223) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 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(208, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.6445, 63.3633, 78.7934 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(208, 207, 223) }
```


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

```
.border{ border-color:rgb(208, 207, 223) }
```

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

Here you see how a box with a 4 pixel rgb(208, 207, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6445, 63.3633, 78.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 223) }
```

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

```
.background{ background-color: rgb(208,  
207, 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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