

Converting Colors

XYZ(62.6490, 63.8966, 78.1386)

Have a look what the booklet for
XYZ(62.6490, 63.8966, 78.1386)
contains.

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Color

**XYZ(62.6490, 63.8966,
78.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFDE
RGB	212, 207, 222
RGB Percent	83%, 81%, 87%
CMY	0.1686, 0.1882, 0.1294
CMYK	0.05, 0.07, 0.00, 0.13
HSL	260°, 19%, 84%
HSV	260°, 7%, 87%
XYZ	62.6490, 63.8966, 78.1386
YIQ	210.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

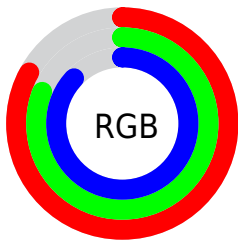
Format	Color
R _Y B	212, 207, 222
Decimal	13946846
CIE Lab	83.91, 4.48, -6.80
CIE LCh	84, 8.144, 303.414
Yxy	63.8966, 0.3061, 0.3122
Android (android.graphics.Color)	4292136926 (0xFFD4CFDE)
YUV	210.2050, 5.8149, 1.5742
Hunter-Lab	79.9353, 0.0118, -2.0026

Details

The XYZ color **62.6490, 63.8966, 78.1386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0014, 71.5010, 69.3571**, and the grayscale version is **61.3586, 64.5540, 70.2993**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2709, 32.7406, 41.1779** is the 20% darker color. If you saturate the color by 10%, you get **53.5711, 51.7874, 76.2807**, and if you desaturate by 10%, it is **72.8781, 77.7254, 80.2697**.

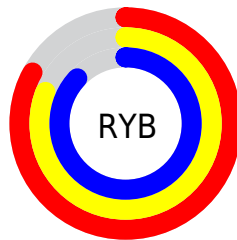
Distribution



Red (83%)

Green (81%)

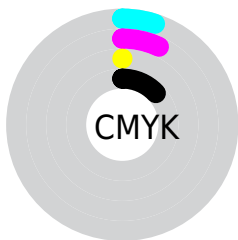
Blue (87%)



Red (83%)

Yellow (81%)

Blue (87%)

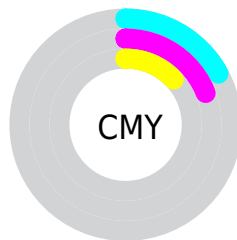


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6490, 63.8966, 78.1386 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 62.6490, 63.8966, 78.1386 by changing the saturation by 10% instead.

■ 62.6490, 63.8966,
78.1386

■ 62.6490, 63.8966,
78.1386

423.9744,
438.8161, 508.1778

■ 45.8149, 46.5669,
57.6707

107.7476,
110.4620, 132.5331

■ 32.3038, 32.6934,
41.1310

136.7429,
140.4665, 167.2969

■ 21.7503, 21.8917,
28.1010

170.5225,
175.4648, 207.6630

■ 13.7891, 13.7773,
18.1621

209.4519,
215.8412, 254.0500

■ 8.0549, 7.9660,
10.8958

253.8965,
261.9802, 306.8764

■ 4.1822, 4.0732,
5.8835

304.2215,

■ 1.8057, 1.7146,

314.2660, 366.5608

2.7067

360.7924,
373.0832, 433.5218

■ 0.5211, 0.4331,
0.9468

■ 0.0000, 0.0000,
0.0000

■ 62.6490, 63.8966,
78.1386

■ 62.6490, 63.8966,
78.1386

■ 53.5711, 51.7874,
76.2807

■ 72.8781, 77.7254,
80.2697

■ 45.5969, 41.3214,
74.6809

■ 84.2925, 93.3298,
82.6800

■ 38.6839, 32.4287,
73.3287

■ 90.1850, 98.0540,
83.2813

■ 32.7845, 25.0308,
72.2117

■ 27.8470, 19.0425,
71.3161

■ 23.8151, 14.3698,
70.6267

■ 20.6259, 10.9067,
70.1264

■ 18.2070, 8.5299,
69.7951

■ 16.4687, 7.0829,
69.6074

Harmonies

Analogous

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



60.9372, 63.8966, 79.8949



62.6490, 63.8966, 78.1386



63.8654, 63.8966, 74.0829

Triad

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



62.6490, 63.8966, 78.1386



62.2869, 63.8966, 61.1161



57.3569, 63.8966, 70.1617

Complementary

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



62.6490, 63.8966, 78.1386



66.0014, 71.5010, 69.3571

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.



57.7024, 63.8966, 65.2491



62.6490, 63.8966, 78.1386



60.5269, 63.8966, 60.1799

Square

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



62.6490, 63.8966, 78.1386



63.6535, 63.8966, 64.2789



58.8541, 63.8966, 61.6566



57.9009, 63.8966, 75.1492

Rectangle

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



62.6490, 63.8966, 78.1386



64.2193, 63.8966, 70.7105



58.8541, 63.8966, 61.6566



57.3729, 63.8966, 68.4468

Sweetspot

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



62.6509, 63.8993, 78.1400



92.2044, 96.1498, 108.3068



63.7965, 68.2961, 78.9283



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.



62.6509, 63.8993, 78.1400



84.0552, 85.1786, 106.6187



64.7883, 65.0012, 78.2400



13.3802, 13.4640, 17.2813



9.6130, 4.0510, 41.3236



0.7590, 0.3286, 2.8687

Inverse Universe

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



64.9637, 65.1679, 74.8036



87.8087, 87.2378, 101.1827



63.8932, 70.4142, 69.2584



14.0907, 13.8539, 16.2479



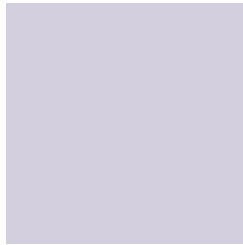
21.1233, 10.5163, 17.8467



1.5052, 0.7453, 1.4530

Previews

White Background



This preview shows how the XYZ color 62.6490, 63.8966, 78.1386 looks on a white background.

Color Contrast Check

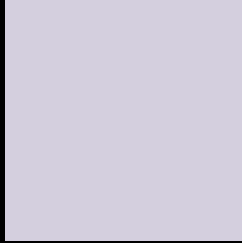
Large Text (above 18pt) WCAG AA × Fail

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 62.6490, 63.8966, 78.1386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

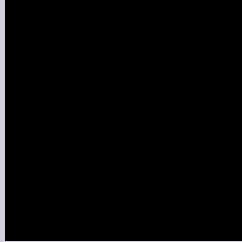
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6490, 63.8966, 78.1386

Background



This preview shows how black text looks on a background with the XYZ color 62.6490, 63.8966, 78.1386.

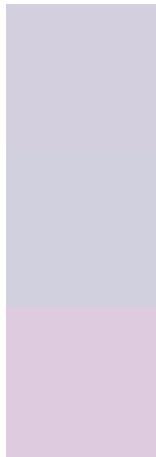


This preview shows how white text looks on a background with the XYZ color 62.6490, 63.8966,

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

62.6490, 63.8966, 78.1386

Protanopia

62.1697, 63.9948, 78.8876

Deuteranopia

65.1066, 63.7276, 78.6812



Tritanopia

62.7835, 63.9504, 78.8467

Trichromacy



Original Color

62.6490, 63.8966, 78.1386

Protanomaly

62.4535, 64.1411, 78.9009

Deuteranomaly

64.1256, 63.5735, 78.7032

Tritanomaly

62.7835, 63.9504, 78.8467

Monochromacy



Original Color

62.6490, 63.8966, 78.1386

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8020, 64.3049, 72.7731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6490, 63.8966, 78.1386 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(212, 207, 222) looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 222)  
}
```

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(212, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.6490, 63.8966, 78.1386 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(212, 207, 222) }
```


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

```
.border{ border-color:rgb(212, 207, 222) }
```

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

Here you see how a box with a 4 pixel rgb(212, 207, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6490, 63.8966, 78.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 222) }
```

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

```
.background{ background-color: rgb(212,  
207, 222) }
```

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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