

Converting Colors

XYZ(62.9134, 63.6643, 81.0016)

Have a look what the booklet for
XYZ(62.9134, 63.6643, 81.0016)
contains.

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Color

**XYZ(62.9502, 63.6306,
80.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CEE2
RGB	212, 206, 226
RGB Percent	83%, 81%, 89%
CMY	0.1686, 0.1921, 0.1137
CMYK	0.06, 0.09, 0.00, 0.11
HSL	258°, 26%, 85%
HSV	258°, 9%, 89%
XYZ	62.9502, 63.6306, 80.9156
YIQ	210.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

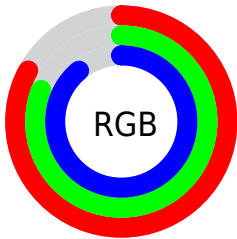
Format	Color
R _{YB}	212, 206, 226
Decimal	13946594
CIE Lab	83.77, 5.78, -9.13
CIE LCh	84, 10.809, 302.323
Yxy	63.6306, 0.3034, 0.3067
Android (android.graphics.Color)	4292136674 (0xFFD4CEE2)
YUV	210.0740, 7.8515, 1.6891
Hunter-Lab	79.7688, 1.2694, -4.3042

Details

The XYZ color **62.9502, 63.6306, 80.9156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8543, 74.0662, 69.1154**, and the grayscale version is **61.2601, 64.4504, 70.1865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4835, 32.5648, 43.1017** is the 20% darker color. If you saturate the color by 10%, you get **53.5566, 51.2851, 79.0288**, and if you desaturate by 10%, it is **73.5768, 77.7765, 83.0869**.

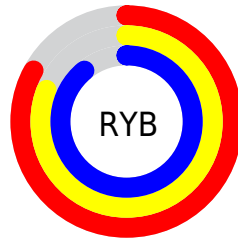
Distribution



Red (83%)

Green (81%)

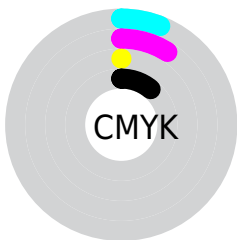
Blue (89%)



Red (83%)

Yellow (81%)

Blue (89%)

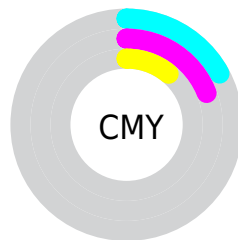


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9502, 63.6306, 80.9156 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 62.9502, 63.6306, 80.9156 by changing the saturation by 10% instead.

■ 62.9502, 63.6306,
80.9156

■ 62.9502, 63.6306,
80.9156

425.0513,
437.8545, 517.8010

■ 46.0594, 46.3515,
59.9415

108.1799,
110.0788, 136.4753

■ 32.4975, 32.5233,
42.9465

137.2495,
140.0167, 171.8979

■ 21.8992, 21.7615,
29.5120

171.1094,
174.9430, 212.9738

■ 13.8990, 13.6818,
19.2196

210.1250,
215.2421, 260.1215

■ 8.1317, 7.8997,
11.6507

254.6616,
261.2984, 313.7595

■ 4.2319, 4.0308,
6.3866

305.0847,

■ 1.8341, 1.6908,

313.4963, 374.3064

3.0090

361.7594,
372.2202, 442.1808

■ 0.5381, 0.4177,
1.0992

■ 0.0000, 0.0000,
0.0000

■ 62.9502, 63.6306,
80.9156

■ 62.9502, 63.6306,
80.9156

■ 53.5566, 51.2851,
79.0288

■ 73.5768, 77.7765,
83.0869

■ 45.3443, 40.6589,
77.4105

■ 85.4744, 93.7834,
85.5495

■ 38.2662, 31.6764,
76.0498

■ 90.7277, 98.2711,
86.1388

■ 32.2699, 24.2535,
74.9331

■ 27.2983, 18.2983,
74.0456

■ 23.2888, 13.7089,
73.3711

■ 20.1713, 10.3700,
72.8909

■ 17.8648, 8.1464,
72.5833

■ 16.2533, 6.8350,
72.4151

Harmonies

Analogous

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



60.6640, 63.6306, 83.1686



62.9502, 63.6306, 80.9156



64.6079, 63.6306, 75.5278

Triad

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



62.9502, 63.6306, 80.9156



62.6219, 63.6306, 58.3488



56.0360, 63.6306, 69.8137

Complementary

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



62.9502, 63.6306, 80.9156



67.8543, 74.0662, 69.1154

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.



56.5298, 63.6306, 63.3921



62.9502, 63.6306, 80.9156



60.2943, 63.6306, 57.0357

Square

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



62.9502, 63.6306, 80.9156



64.4150, 63.6306, 62.5318



58.0733, 63.6306, 58.8222



56.7067, 63.6306, 76.5033

Rectangle

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



62.9502, 63.6306, 80.9156



65.1118, 63.6306, 71.0422



58.0733, 63.6306, 58.8222



56.0713, 63.6306, 67.5529

Sweetspot

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



62.9521, 63.6333, 80.9170



90.7149, 94.2142, 108.0117



64.8639, 69.9763, 82.0406



19.1742, 19.8427, 23.0694



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.



62.9521, 63.6333, 80.9170



79.8863, 79.8548, 105.8108



65.8229, 65.1133, 81.0514



13.3366, 13.4415, 17.2792



9.2877, 3.8833, 41.3084



0.7323, 0.3148, 2.8674

Inverse Universe

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



66.3557, 65.4814, 76.8547



85.4203, 82.8608, 99.1537



65.0124, 72.6011, 68.9824



14.1107, 13.8619, 16.3533



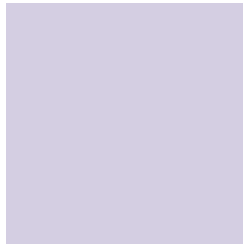
21.4796, 10.6588, 19.7230



1.5278, 0.7544, 1.5723

Previews

White Background



This preview shows how the XYZ color 62.9502, 63.6306, 80.9156 looks on a white background.

Color Contrast Check

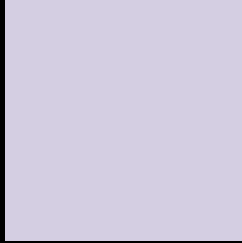
Large Text (above 18pt) WCAG AA × Fail

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 62.9502, 63.6306, 80.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

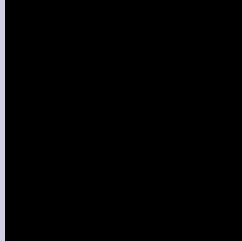
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9502, 63.6306, 80.9156

Background



This preview shows how black text looks on a background with the XYZ color 62.9502, 63.6306, 80.9156.



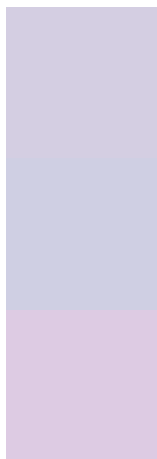
This preview shows how white text looks on a background with the XYZ color 62.9502, 63.6306,

80.9156.

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

62.9502, 63.6306, 80.9156

Protanopia

61.9101, 63.4371, 81.6546

Deuteranopia

65.0399, 63.6301, 81.5269



Tritanopia

62.4961, 63.8022, 78.8332

Trichromacy



Original Color

62.9502, 63.6306, 80.9156

Protanomaly

62.4724, 63.7270, 81.6809

Deuteranomaly

64.3714, 63.6372, 81.5635

Tritanomaly

62.6313, 63.8563, 79.5455

Monochromacy



Original Color

62.9502, 63.6306, 80.9156

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.0591, 64.4077, 74.1268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9502, 63.6306, 80.9156 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, 206, 226) looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 226)  
}
```

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, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.9502, 63.6306, 80.9156 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, 206, 226) }
```


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

```
.border{ border-color:rgb(212, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9502, 63.6306, 80.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 226) }
```

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

```
.background{ background-color: rgb(212,  
206, 226) }
```

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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