

# Converting Colors

XYZ(56.7021, 56.7536, 65.5396)

Have a look what the booklet for  
XYZ(56.7021, 56.7536, 65.5396)  
contains.

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# Color

**XYZ(56.6057, 56.5467,  
65.6888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C2CD
RGB	209, 194, 205
RGB Percent	82%, 76%, 80%
CMY	0.1804, 0.2392, 0.1961
CMYK	0.00, 0.07, 0.02, 0.18
HSL	316°, 14%, 79%
HSV	316°, 7%, 82%
XYZ	56.6057, 56.5467, 65.6888
YIQ	199.7390, 5.4090, 6.6010

# Conversions

## Conversions Part 2

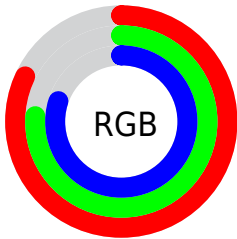
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 194, 205
Decimal	13746893
CIE <sub>Lab</sub>	79.92, 7.21, -3.61
CIE <sub>LCh</sub>	80, 8.060, 333.401
Yxy	56.5467, 0.3165, 0.3162
Android (android.graphics.Color)	4291936973 (0xFFD1C2CD)
YUV	199.7390, 2.5937, 8.1219
Hunter-Lab	75.1975, 2.7720, 0.8455

# Details

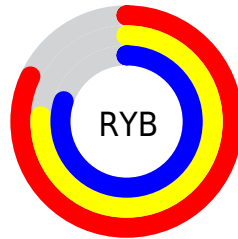
The XYZ color **56.6057, 56.5467, 65.6888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2438, 61.1489, 62.3202**, and the grayscale version is **54.7228, 57.5726, 62.6966**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.4816, 27.9591, 33.1737** is the 20% darker color. If you saturate the color by 10%, you get **51.6170, 47.6263, 60.7654**, and if you desaturate by 10%, it is **62.2758, 66.7900, 70.9590**.

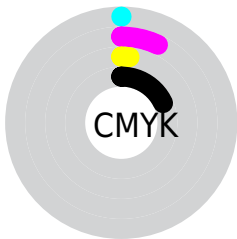
# Distribution



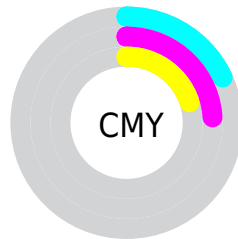
- Red (82%)
- Green (76%)
- Blue (80%)



- Red (82%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (18%)




- Cyan (18%)
- Magenta (24%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6057, 56.5467, 65.6888 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 56.6057, 56.5467, 65.6888 by changing the saturation by 10% instead.




 56.6057, 56.5467,  
65.6888

 56.6057, 56.5467,  
65.6888


402.0083,  
411.7486, 463.6369

 40.9277, 40.6414,  
47.5649


 99.0243, 99.8035,  
114.6623

 28.4500, 28.0390,  
33.1249


126.4956,  
127.9237, 146.3490

 18.8073, 18.3551,  
21.9503


158.6287,  
160.8844, 183.3938

 11.6343, 11.2052,  
13.6224

195.7889,  
199.0700, 226.2151

 6.5656, 6.2050,  
7.7228

238.3416,  
242.8648, 275.2315

 3.2359, 2.9702,  
3.8329

286.6521,

 1.2797, 1.1162,

292.6532, 330.8616

1.5341

341.0859,  
348.8197, 393.5239

■ 0.1679, 0.0000,  
0.2431

■ 0.0000, 0.0000,  
0.0000

■ 56.6057, 56.5467,  
65.6888

■ 56.6057, 56.5467,  
65.6888

■ 51.6170, 47.6263,  
60.7654

■ 62.2758, 66.7900,  
70.9590

■ 47.2774, 39.9669,  
56.1747

■ 68.6483, 78.4000,  
76.5822

■ 43.5592, 33.5129,  
51.9071

■ 75.2027, 90.3346,  
82.3866

■ 40.4309, 28.2014,  
47.9507

■ 75.9612, 90.6380,  
86.3810

37.8580, 23.9640,  
44.2927

76.7447, 90.9514,  
90.5066

35.8024, 20.7247,  
40.9192

77.5533, 91.2749,  
94.7647

34.2208, 18.3977,  
37.8144

78.3873, 91.6085,  
99.1565

33.0630, 16.8827,  
34.9603

79.2469, 91.9523,  
103.6831

32.2611, 16.0445,  
32.3328

80.1048, 92.2955,  
108.2006

# Harmonies

## Analogous

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



55.4949, 56.5467, 69.3946



56.6057, 56.5467, 65.6888



56.9450, 56.5467, 61.0373

# Triad

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



56.6057, 56.5467, 65.6888



53.5597, 56.5467, 53.0139



51.1644, 56.5467, 66.6593

# Complementary

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



56.6057, 56.5467, 65.6888



55.2438, 61.1489, 62.3202

# 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.



50.6690, 56.5467, 62.1053



56.6057, 56.5467, 65.6888



52.0342, 56.5467, 54.3564

# Square

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



56.6057, 56.5467, 65.6888



55.1656, 56.5467, 53.8664



50.9842, 56.5467, 57.6266



52.3509, 56.5467, 69.9746



# Rectangle

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



56.6057, 56.5467, 65.6888



56.6825, 56.5467, 58.0633



50.9842, 56.5467, 57.6266



50.9126, 56.5467, 65.2146

# Sweetspot

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



56.6073, 56.5491, 65.6900



93.2263, 96.7018, 107.2155



54.0914, 55.1957, 68.1252



19.9734, 20.7327, 22.9663



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.



56.6073, 56.5491, 65.6900



87.1907, 85.8334, 101.4955



55.7236, 56.1957, 61.0366



12.1706, 11.9530, 14.1741



19.8134, 9.7982, 19.7212



1.1398, 0.5606, 1.2709



# Inverse Universe

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



56.6073, 56.5491, 65.6900



87.1907, 85.8334, 101.4955



56.1303, 61.5035, 66.9888



12.1706, 11.9530, 14.1741



19.8134, 9.7982, 19.7212

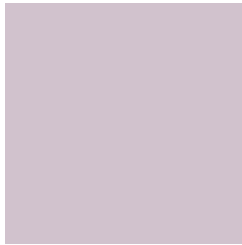


1.1398, 0.5606, 1.2709



# Previews

## White Background



This preview shows how the XYZ color 56.6057, 56.5467, 65.6888 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

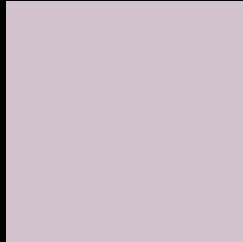
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.6057, 56.5467, 65.6888 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

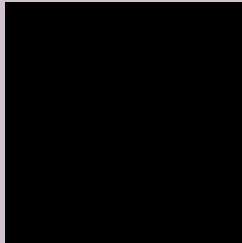
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 56.6057, 56.5467, 65.6888**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.6057, 56.5467, 65.6888.



This preview shows how white text looks on a background with the XYZ color 56.6057, 56.5467,



# 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

56.6057, 56.5467, 65.6888

### Protanopia

54.7819, 56.5796, 67.0651

### Deuteranopia

57.6006, 56.4032, 65.6086



## Tritanopia

57.1569, 56.4450, 68.2041

# Trichromacy



## Original Color

56.6057, 56.5467, 65.6888

## Protanomaly

55.5091, 56.6326, 66.3981

## Deuteranomaly

57.2408, 56.5448, 65.6549

## Tritanomaly

57.0335, 56.3956, 67.5540

# Monochromacy



## Original Color

56.6057, 56.5467, 65.6888

## Achromatopsia

54.8990, 57.7580, 62.8985

## Achromatomaly

55.4834, 57.3489, 64.0223

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.6057, 56.5467, 65.6888 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(209, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 205)  
}
```

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(209, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 56.6057, 56.5467, 65.6888 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(209, 194, 205) }
```



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

```
.border{ border-color:rgb(209, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.6057, 56.5467, 65.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 205) }
```

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

```
.background{ background-color: rgb(209,  
194, 205) }
```

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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