

# Converting Colors

XYZ(58.8656, 56.0394, 67.7200)

Have a look what the booklet for  
XYZ(58.8656, 56.0394, 67.7200)  
contains.

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# Color

**XYZ(58.9196, 56.0587,  
68.0366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBBDD1
RGB	219, 189, 209
RGB Percent	86%, 74%, 82%
CMY	0.1412, 0.2588, 0.1804
CMYK	0.00, 0.14, 0.05, 0.14
HSL	320°, 29%, 80%
HSV	320°, 14%, 86%
XYZ	58.9196, 56.0587, 68.0366
YIQ	200.2500, 11.4600, 12.5800

# Conversions

## Conversions Part 2

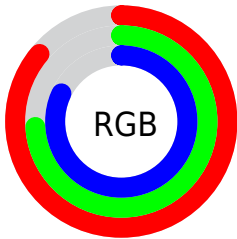
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	219, 189, 209
Decimal	14400977
CIE Lab	79.65, 14.06, -6.08
CIE LCh	80, 15.312, 336.622
Yxy	56.0587, 0.3219, 0.3063
Android (android.graphics.Color)	4292591057 (0xFFDBBDD1)
YUV	200.2500, 4.3138, 16.4438
Hunter-Lab	74.8724, 9.4411, -1.4662

# Details

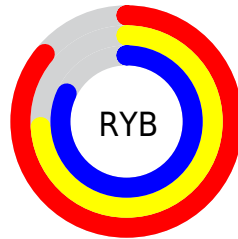
The XYZ color **58.9196, 56.0587, 68.0366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6287, 65.6068, 63.7146**, and the grayscale version is **55.0244, 57.8899, 63.0421**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.0304, 27.8674, 34.8065** is the 20% darker color. If you saturate the color by 10%, you get **53.6769, 46.9863, 61.9314**, and if you desaturate by 10%, it is **64.9183, 66.5752, 74.5995**.

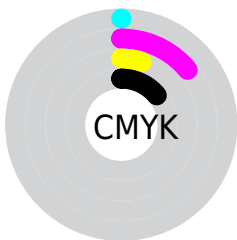
# Distribution



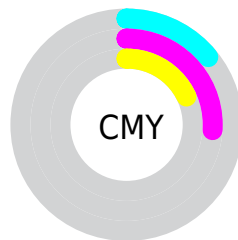
- Red (86%)
- Green (74%)
- Blue (82%)



- Red (86%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9196, 56.0587, 68.0366 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 58.9196, 56.0587, 68.0366 by changing the saturation by 10% instead.



■ 58.9196, 56.0587,  
68.0366

■ 58.9196, 56.0587,  
68.0366

410.5027,  
409.9127, 472.2273

■ 42.7945, 40.2500,  
49.4606

■ 102.3761, 99.0904,  
118.0592

■ 29.9177, 27.7335,  
34.6168

130.4382,  
127.0822, 150.3429

■ 19.9239, 18.1249,  
23.0867

163.2101,  
159.9038, 188.0330

■ 12.4477, 11.0397,  
14.4516

201.0570,  
197.9396, 231.5479

■ 7.1237, 6.0935,  
8.2931

244.3444,  
241.5739, 281.3063

■ 3.5866, 2.9020,  
4.1926

293.4376,

■ 1.4710, 1.0808,

291.1913, 337.7266

1.7316

348.7019,  
347.1761, 401.2274

■ 0.3060, 0.0000,  
0.3823

■ 0.0000, 0.0000,  
0.0000

■ 58.9196, 56.0587,  
68.0366

■ 58.9196, 56.0587,  
68.0366

■ 53.6769, 46.9863,  
61.9314

■ 64.9183, 66.5752,  
74.5995

■ 49.1530, 39.2867,  
56.2669

■ 71.6983, 78.5882,  
81.6292

■ 45.3148, 32.8940,  
51.0298

■ 79.2901, 92.1566,  
89.1392

■ 42.1244, 27.7334,  
46.2049

■ 80.4365, 92.7653,  
94.7129

■ 39.5405, 23.7230,  
41.7752

■ 81.5325, 93.2038,  
100.4845

■ 37.5163, 20.7704,  
37.7225

■ 82.6726, 93.6598,  
106.4880

■ 35.9982, 18.7692,  
34.0258

■ 83.0237, 93.8002,  
108.3372

■ 34.9211, 17.5903,  
30.6602

■ 34.4014, 17.1353,  
28.6851

# Harmonies

## Analogous

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



56.9028, 56.0587, 75.7269



58.9196, 56.0587, 68.0366



59.3997, 56.0587, 59.0984

# Triad

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



58.9196, 56.0587, 68.0366



52.6004, 56.0587, 45.6588



48.6578, 56.0587, 71.7535

# Complementary

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



58.9196, 56.0587, 68.0366



56.6287, 65.6068, 63.7146

# 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.



47.5997, 56.0587, 63.0204



58.9196, 56.0587, 68.0366



49.8184, 56.0587, 48.3838

# Square

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



58.9196, 56.0587, 68.0366



55.6727, 56.0587, 46.7236



48.0162, 56.0587, 54.5373



50.9609, 56.0587, 78.0136



# Rectangle

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



58.9196, 56.0587, 68.0366



58.7678, 56.0587, 53.7318



48.0162, 56.0587, 54.5373



48.1489, 56.0587, 68.9790

# Sweetspot

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



58.9212, 56.0612, 68.0378



91.3392, 93.4468, 104.9861



54.5392, 53.6546, 74.5004



19.4053, 19.7459, 22.3164



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.



58.9212, 56.0612, 68.0378



81.2740, 75.8291, 93.8843



57.1506, 55.3529, 58.7136



13.4202, 13.1972, 15.4742



20.4509, 10.1814, 17.2865



1.3643, 0.6753, 1.3272



# Inverse Universe

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



58.9212, 56.0612, 68.0378



81.2740, 75.8291, 93.8843



58.4572, 66.3382, 73.3430



13.4202, 13.1972, 15.4742



20.4509, 10.1814, 17.2865

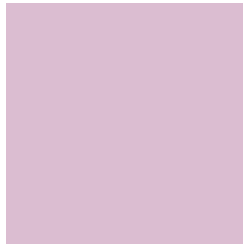


1.3643, 0.6753, 1.3272



# Previews

## White Background



This preview shows how the XYZ color 58.9196, 56.0587, 68.0366 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

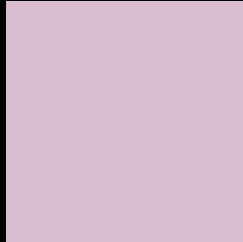
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.9196, 56.0587, 68.0366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

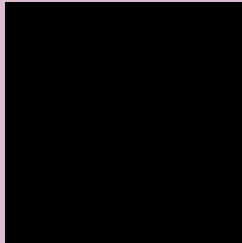
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.9196, 56.0587, 68.0366**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.9196, 56.0587, 68.0366.



This preview shows how white text looks on a background with the XYZ color 58.9196, 56.0587,



# 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

58.9196, 56.0587, 68.0366

### Protanopia

54.5151, 56.0197, 70.8904

### Deuteranopia

57.3862, 56.2504, 67.5073



## Tritanopia

58.3463, 56.1401, 65.5185

# Trichromacy



## Original Color

58.9196, 56.0587, 68.0366

## Protanomaly

55.8555, 55.7308, 70.1006

## Deuteranomaly

58.0403, 56.2627, 67.4753

## Tritanomaly

58.4675, 56.1886, 66.1564

# Monochromacy



## Original Color

58.9196, 56.0587, 68.0366

## Achromatopsia

54.8990, 57.7580, 62.8985

## Achromatomaly

56.2515, 57.0571, 64.5482

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.9196, 56.0587, 68.0366 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(219, 189, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 209)  
}
```

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(219, 189, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 58.9196, 56.0587, 68.0366 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(219, 189, 209) }
```



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

```
.border{ border-color:rgb(219, 189, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.9196, 56.0587, 68.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 209) }
```

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

```
.background{ background-color: rgb(219,  
189, 209) }
```

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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