

Converting Colors

XYZ(58.5928, 56.0725, 68.9899)

Have a look what the booklet for
XYZ(58.5928, 56.0725, 68.9899)
contains.

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Color

**XYZ(58.6616, 56.2318,
68.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BED2
RGB	217, 190, 210
RGB Percent	85%, 75%, 82%
CMY	0.1490, 0.2549, 0.1765
CMYK	0.00, 0.12, 0.03, 0.15
HSL	316°, 26%, 80%
HSV	316°, 12%, 85%
XYZ	58.6616, 56.2318, 68.7348
YIQ	200.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

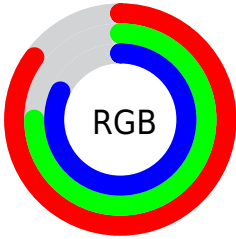
Format	Color
R _{YB}	217, 190, 210
Decimal	14270162
CIE Lab	79.75, 13.01, -6.49
CIE LCh	80, 14.537, 333.488
Yxy	56.2318, 0.3195, 0.3062
Android (android.graphics.Color)	4292460242 (0xFFD9BED2)
YUV	200.3530, 4.7560, 14.5994
Hunter-Lab	74.9879, 8.4084, -1.8544

Details

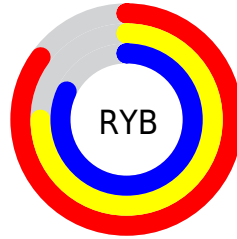
The XYZ color **58.6616, 56.2318, 68.7348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1283, 64.6056, 62.3383**, and the grayscale version is **55.0861, 57.9548, 63.1128**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **29.8467, 27.9730, 35.2787** is the 20% darker color. If you saturate the color by 10%, you get **53.6187, 47.2476, 63.6562**, and if you desaturate by 10%, it is **64.4321, 66.6303, 74.1789**.

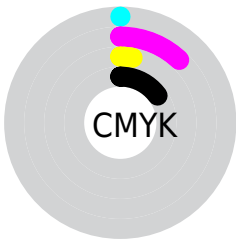
Distribution



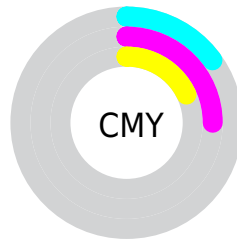
- Red (85%)
- Green (75%)
- Blue (82%)



- Red (85%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6616, 56.2318, 68.7348 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 58.6616, 56.2318, 68.7348 by changing the saturation by 10% instead.

■ 58.6616, 56.2318,
68.7348

■ 58.6616, 56.2318,
68.7348

409.5609,
410.5645, 474.7636

■ 42.5861, 40.3888,
50.0253

■ 102.0031, 99.3434,
119.0668

■ 29.7536, 27.8418,
35.0622

129.9998,
127.3808, 151.5265

■ 19.7988, 18.2065,
23.4269

162.7010,
160.2518, 189.4067

■ 12.3563, 11.0983,
14.7008

200.4720,
198.3408, 233.1259

■ 7.0607, 6.1330,
8.4654

243.6781,
242.0322, 283.1026

■ 3.5468, 2.9261,
4.3021

292.6847,

■ 1.4491, 1.0933,

291.7103, 339.7555

1.7925

347.8572,
347.7596, 403.5030

■ 0.2908, 0.0000,
0.4230

■ 0.0000, 0.0000,
0.0000

■ 58.6616, 56.2318,
68.7348

■ 58.6616, 56.2318,
68.7348

■ 53.6187, 47.2476,
63.6562

■ 64.4321, 66.6303,
74.1789

■ 49.2676, 39.6085,
58.9279

■ 70.9546, 78.4936,
79.9958

■ 45.5764, 33.2507,
54.5388

■ 78.2244, 91.8114,
86.1859

■ 42.5089, 28.1022,
50.4754

■ 79.0135, 92.1270,
90.3409

40.0255, 24.0840,
46.7233

79.8281, 92.4529,
94.6308

38.0816, 21.1073,
43.2663

80.6686, 92.7891,
99.0569

36.6260, 19.0704,
40.0860

81.5352, 93.1357,
103.6203

35.5973, 17.8507,
37.1605

82.4256, 93.4919,
108.3092

35.0252, 17.3157,
35.0914

Harmonies

Analogous

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



56.6239, 56.2318, 75.7320



58.6616, 56.2318, 68.7348



59.2846, 56.2318, 60.2481

Triad

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



58.6616, 56.2318, 68.7348



53.1038, 56.2318, 46.4592



48.8733, 56.2318, 70.5924

Complementary

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



58.6616, 56.2318, 68.7348



56.1283, 64.6056, 62.3383

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.



48.0051, 56.2318, 62.2162



58.6616, 56.2318, 68.7348



50.3905, 56.2318, 48.7032

Square

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



58.6616, 56.2318, 68.7348



56.0076, 56.2318, 47.8633



48.5503, 56.2318, 54.2866



50.9649, 56.2318, 76.8716

Rectangle

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



58.6616, 56.2318, 68.7348



58.7957, 56.2318, 55.0038



48.5503, 56.2318, 54.2866



48.4322, 56.2318, 67.9025

Sweetspot

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



58.6632, 56.2343, 68.7360



91.4590, 93.4947, 105.6167



53.9008, 53.6761, 73.1662



19.4357, 19.7581, 22.4763



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.



58.6632, 56.2343, 68.7360



82.4824, 77.3545, 97.0354



57.0801, 55.6010, 60.3994



13.4627, 13.2142, 15.6977



21.2474, 10.5000, 21.4804



1.4109, 0.6940, 1.5728

Inverse Universe

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



58.6632, 56.2343, 68.7360



82.4824, 77.3545, 97.0354



57.7140, 65.2399, 70.6884



13.4627, 13.2142, 15.6977



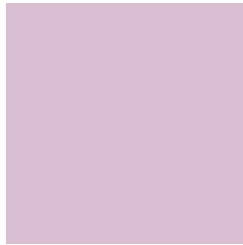
21.2474, 10.5000, 21.4804



1.4109, 0.6940, 1.5728

Previews

White Background



This preview shows how the XYZ color 58.6616, 56.2318, 68.7348 looks on a white background.

Color Contrast Check

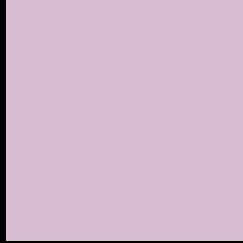
Large Text (above 18pt) WCAG AA × Fail

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 58.6616, 56.2318, 68.7348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

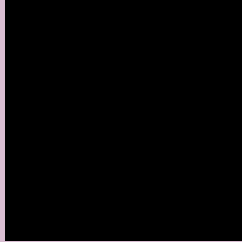
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6616, 56.2318, 68.7348

Background



This preview shows how black text looks on a background with the XYZ color 58.6616, 56.2318, 68.7348.



This preview shows how white text looks on a background with the XYZ color 58.6616, 56.2318,

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

58.6616, 56.2318, 68.7348

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.6339, 56.3495, 68.8117



Tritanopia

58.0903, 56.3168, 66.2011

Trichromacy



Original Color

58.6616, 56.2318, 68.7348

Protanomaly

56.2039, 56.2250, 70.8410

Deuteranomaly

57.9952, 56.2109, 68.7659

Tritanomaly

58.2122, 56.3655, 66.8430

Monochromacy



Original Color

58.6616, 56.2318, 68.7348

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0926, 56.9613, 65.1650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6616, 56.2318, 68.7348 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(217, 190, 210)` looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 210)  
}
```

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(217, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.6616, 56.2318, 68.7348 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(217, 190, 210) }
```


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

```
.border{ border-color:rgb(217, 190, 210) }
```

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

Here you see how a box with a 4 pixel rgb(217, 190, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 190, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 190, 210);  
box-shadow:4px 4px 4px 4px rgb(217, 190,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6616, 56.2318, 68.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 210) }
```

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

```
.background{ background-color: rgb(217,  
190, 210) }
```

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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