

Converting Colors

XYZ(57.9004, 56.2302, 64.4475)

Have a look what the booklet for
XYZ(57.9004, 56.2302, 64.4475)
contains.

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Color

**XYZ(58.0256, 56.3251,
64.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BFCB
RGB	217, 191, 203
RGB Percent	85%, 75%, 80%
CMY	0.1490, 0.2510, 0.2039
CMYK	0.00, 0.12, 0.06, 0.15
HSL	332°, 25%, 80%
HSV	332°, 12%, 85%
XYZ	58.0256, 56.3251, 64.3135
YIQ	200.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

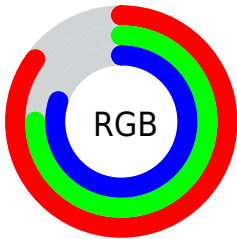
Format	Color
R_{YB}	217, 191, 203
Decimal	14270411
CIE _{Lab}	79.80, 11.24, -2.64
CIE _{LCh}	80, 11.542, 346.790
Yxy	56.3251, 0.3248, 0.3153
Android (android.graphics.Color)	4292460491 (0xFFD9BFCB)
YUV	200.1420, 1.4090, 14.7845
Hunter-Lab	75.0500, 6.6712, 1.7270

Details

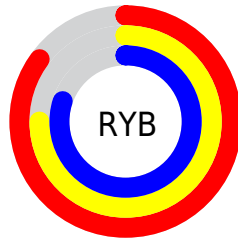
The XYZ color **58.0256, 56.3251, 64.3135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3204, 65.1114, 67.3074**, and the grayscale version is **54.9751, 57.8381, 62.9857**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.4136, 28.0283, 32.2935** is the 20% darker color. If you saturate the color by 10%, you get **52.2991, 47.0169, 55.7909**, and if you desaturate by 10%, it is **64.5614, 67.0825, 73.6252**.

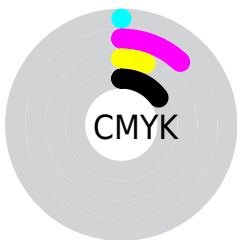
Distribution



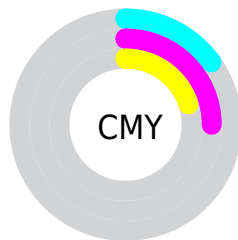
- Red (85%)
- Green (75%)
- Blue (80%)



- Red (85%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0256, 56.3251, 64.3135 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 58.0256, 56.3251, 64.3135 by changing the saturation by 10% instead.


 58.0256, 56.3251,
64.3135

 58.0256, 56.3251,
64.3135


407.2336,
410.9155, 458.5594

 42.0726, 40.4636,
46.4568


 101.0829, 99.4797,
112.6661

 29.3495, 27.9002,
32.2552


128.9179,
127.5417, 143.9991

 19.4910, 18.2505,
21.2901


161.4442,
160.4393, 180.6614

 12.1317, 11.1300,
13.1429

199.0272,
198.5569, 223.0713

 6.9063, 6.1543,
7.3951

242.0323,
242.2790, 271.6476

 3.4493, 2.9391,
3.6282

290.8249,

 1.3956, 1.1000,

291.9898, 326.8086

1.4237

345.7702,
348.0739, 388.9730

■ 0.2531, 0.0000,
0.1601

■ 0.0000, 0.0000,
0.0000

■ 58.0256, 56.3251,
64.3135

■ 58.0256, 56.3251,
64.3135

■ 52.2991, 47.0169,
55.7909

■ 64.5614, 67.0825,
73.6252

■ 47.3441, 39.0881,
48.0314

■ 71.9329, 79.3401,
83.7438

■ 43.1268, 32.4743,
41.0128

■ 79.8171, 92.4485,
94.5729

■ 39.6090, 27.1028,
34.7100

■ 81.5913, 93.1582,
103.9153

■ 36.7488, 22.8939,
29.0966

■ 82.4257, 93.4919,
108.3092

■ 34.4996, 19.7588,
24.1436

■ 32.8079, 17.5951,
19.8196

■ 31.6103, 16.2806,
16.0890

■ 30.9226, 15.6747,
13.4874

Harmonies

Analogous

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



56.8743, 56.3251, 70.5587



58.0256, 56.3251, 64.3135



57.9490, 56.3251, 57.6891

Triad

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



58.0256, 56.3251, 64.3135



52.2490, 56.3251, 49.8252



50.5202, 56.3251, 71.1842

Complementary

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



58.0256, 56.3251, 64.3135



57.3204, 65.1114, 67.3074

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.



49.3516, 56.3251, 65.1177



58.0256, 56.3251, 64.3135



50.3297, 56.3251, 52.9405

Square

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



58.0256, 56.3251, 64.3135



54.5677, 56.3251, 49.6444



49.2829, 56.3251, 58.4372



52.5160, 56.3251, 74.7154

Rectangle

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



58.0256, 56.3251, 64.3135



57.2114, 56.3251, 53.9467



49.2829, 56.3251, 58.4372



50.0202, 56.3251, 69.3547

Sweetspot

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



58.0272, 56.3276, 64.3147



91.0100, 93.3151, 103.2525



56.2974, 55.2342, 73.3406



19.3219, 19.7126, 21.8775



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.



58.0272, 56.3276, 64.3147



81.7574, 78.1227, 89.9551



56.8416, 56.1566, 57.1366



13.3047, 13.1510, 14.8660



18.7708, 9.5094, 8.4390



1.2593, 0.6333, 0.7742

Inverse Universe

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



58.0272, 56.3276, 64.3147



81.7574, 78.1227, 89.9551



58.6021, 65.2676, 75.1558



13.3047, 13.1510, 14.8660



18.7708, 9.5094, 8.4390



1.2593, 0.6333, 0.7742

Previews

White Background



This preview shows how the XYZ color 58.0256, 56.3251, 64.3135 looks on a white background.

Color Contrast Check

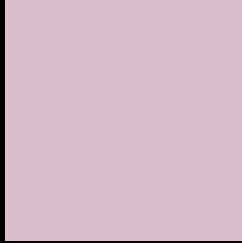
Large Text (above 18pt) WCAG AA × Fail

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 58.0256, 56.3251, 64.3135 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 58.0256, 56.3251, 64.3135

Background



This preview shows how black text looks on a background with the XYZ color 58.0256, 56.3251, 64.3135.



This preview shows how white text looks on a background with the XYZ color 58.0256, 56.3251,

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

58.0256, 56.3251, 64.3135

Protanopia

54.6600, 56.5308, 66.4232

Deuteranopia

57.6535, 56.4581, 64.3588



Tritanopia

58.3867, 56.4695, 66.2149

Trichromacy



Original Color

58.0256, 56.3251, 64.3135

Protanomaly

55.9882, 56.5598, 65.7238

Deuteranomaly

57.9480, 56.6100, 64.3725

Tritanomaly

58.2655, 56.4211, 65.5770

Monochromacy



Original Color

58.0256, 56.3251, 64.3135

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9625, 57.2714, 63.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0256, 56.3251, 64.3135 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, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 203)  
}
```

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, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.0256, 56.3251, 64.3135 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, 191, 203) }
```


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

```
.border{ border-color:rgb(217, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 203);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0256, 56.3251, 64.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 203) }
```

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

```
.background{ background-color: rgb(217,  
191, 203) }
```

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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