

Converting Colors

XYZ(58.2492, 56.0140, 64.8685)

Have a look what the booklet for
XYZ(58.2492, 56.0140, 64.8685)
contains.

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Color

**XYZ(58.2260, 56.0920,
64.8847)**

Conversions

Conversions Part 1

Format	Color
Hex	DABECC
RGB	218, 190, 204
RGB Percent	85%, 75%, 80%
CMY	0.1451, 0.2549, 0.2000
CMYK	0.00, 0.13, 0.06, 0.15
HSL	330°, 27%, 80%
HSV	330°, 13%, 85%
XYZ	58.2260, 56.0920, 64.8847
YIQ	199.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

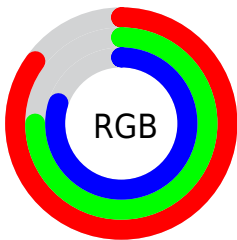
Format	Color
R _{YB}	218, 190, 204
Decimal	14335692
CIE Lab	79.67, 12.29, -3.36
CIE LCh	80, 12.745, 344.710
Yxy	56.0920, 0.3249, 0.3130
Android (android.graphics.Color)	4292525772 (0xFFDABECC)
YUV	199.9680, 1.9878, 15.8141
Hunter-Lab	74.8946, 7.7074, 1.0605

Details

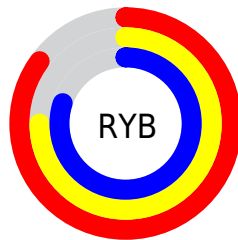
The XYZ color **58.2260, 56.0920, 64.8847** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2079, 65.4511, 66.7481**, and the grayscale version is **54.8643, 57.7215, 62.8587**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **29.5549, 27.8799, 32.6778** is the 20% darker color. If you saturate the color by 10%, you get **52.5911, 46.8414, 56.7798**, and if you desaturate by 10%, it is **64.6619, 66.7966, 73.7095**.

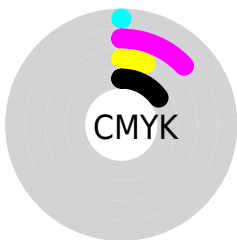
Distribution



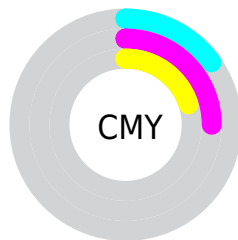
- Red (85%)
- Green (75%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2260, 56.0920, 64.8847 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 58.2260, 56.0920, 64.8847 by changing the saturation by 10% instead.

■ 58.2260, 56.0920,
64.8847

■ 58.2260, 56.0920,
64.8847

407.9678,
410.0381, 460.6724

■ 42.2343, 40.2767,
46.9168

■ 101.3730, 99.1391,
113.4958

■ 29.4767, 27.7543,
32.6160

129.2590,
127.1396, 144.9761

■ 19.5878, 18.1406,
21.5638

161.8405,
159.9707, 181.7976

■ 12.2023, 11.0509,
13.3415

199.4828,
198.0168, 224.3788

■ 6.9548, 6.1011,
7.5306

242.5514,
241.6621, 273.1384

■ 3.4799, 2.9067,
3.7127

291.4115,

■ 1.4123, 1.0832,

291.2912, 328.4948

1.4691

346.4285,
347.2884, 390.8666

■ 0.2650, 0.0000,
0.1947

■ 0.0000, 0.0000,
0.0000

■ 58.2260, 56.0920,
64.8847

■ 58.2260, 56.0920,
64.8847

■ 52.5911, 46.8414,
56.7798

■ 64.6619, 66.7966,
73.7095

■ 47.7192, 38.9741,
49.3710

■ 71.9250, 79.0071,
83.2699

■ 43.5765, 32.4246,
42.6382

■ 79.9169, 92.5229,
93.5424

■ 40.1244, 27.1192,
36.5588

■ 81.5562, 93.1786,
102.1749

■ 37.3209, 22.9769,
31.1086

■ 82.7238, 93.6456,
108.3231

■ 35.1187, 19.9068,
26.2614

■ 33.4639, 17.8044,
21.9881

■ 32.2917, 16.5440,
18.2558

■ 31.6733, 16.0094,
15.8846

Harmonies

Analogous

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



56.8679, 56.0920, 71.6991



58.2260, 56.0920, 64.8847



58.2397, 56.0920, 57.5495

Triad

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



58.2260, 56.0920, 64.8847



52.0682, 56.0920, 48.3786



49.8771, 56.0920, 71.5866

Complementary

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



58.2260, 56.0920, 64.8847



57.2079, 65.4511, 66.7481

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.



48.6737, 56.0920, 64.7409



58.2260, 56.0920, 64.8847



49.9109, 56.0920, 51.5553

Square

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



58.2260, 56.0920, 64.8847



54.6280, 56.0920, 48.4103



48.6859, 56.0920, 57.4168



52.0207, 56.0920, 75.7750

Rectangle

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



58.2260, 56.0920, 64.8847



57.4817, 56.0920, 53.3621



48.6859, 56.0920, 57.4168



49.3523, 56.0920, 69.4967

Sweetspot

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



58.2276, 56.0945, 64.8859



91.0715, 93.3397, 103.5761



55.9723, 54.7290, 73.9442



19.3375, 19.7188, 21.9593



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.



58.2276, 56.0945, 64.8859



81.1102, 76.8056, 89.8097



56.6232, 55.4527, 56.4373



13.3262, 13.1596, 14.9788



19.0297, 9.6129, 9.8026



1.2763, 0.6402, 0.8641

Inverse Universe

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



58.2276, 56.0945, 64.8859



81.1102, 76.8056, 89.8097



58.9633, 66.1533, 75.9916



13.3262, 13.1596, 14.9788



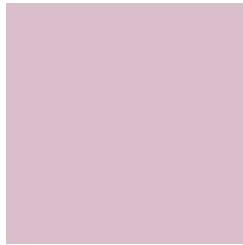
19.0297, 9.6129, 9.8026



1.2763, 0.6402, 0.8641

Previews

White Background



This preview shows how the XYZ color 58.2260, 56.0920, 64.8847 looks on a white background.

Color Contrast Check

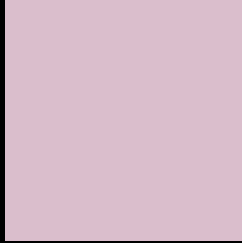
Large Text (above 18pt) WCAG AA × Fail

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 58.2260, 56.0920, 64.8847 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

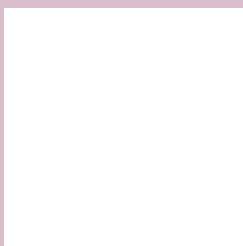
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2260, 56.0920, 64.8847

Background



This preview shows how black text looks on a background with the XYZ color 58.2260, 56.0920, 64.8847.



This preview shows how white text looks on a background with the XYZ color 58.2260, 56.0920,

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

58.2260, 56.0920, 64.8847

Protanopia

54.4138, 56.0397, 67.6233

Deuteranopia

57.4803, 56.3550, 64.9748



Tritanopia

58.3463, 56.1401, 65.5185

Trichromacy



Original Color

58.2260, 56.0920, 64.8847

Protanomaly

55.7311, 56.0677, 66.9163

Deuteranomaly

57.5542, 56.0683, 64.9156

Tritanomaly

58.3463, 56.1401, 65.5185

Monochromacy



Original Color

58.2260, 56.0920, 64.8847

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0147, 56.9623, 63.3009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2260, 56.0920, 64.8847 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(218, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 204)  
}
```

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(218, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.2260, 56.0920, 64.8847 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(218, 190, 204) }
```


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

```
.border{ border-color:rgb(218, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2260, 56.0920, 64.8847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 204) }
```

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

```
.background{ background-color: rgb(218,  
190, 204) }
```

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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