

Converting Colors

XYZ(58.2248, 54.5808, 62.2396)

Have a look what the booklet for
XYZ(58.2248, 54.5808, 62.2396)
contains.

XYZ(58.2057, 54.5560, 62.1062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.2057, 54.5560,
62.1062)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB9C8
RGB	223, 185, 200
RGB Percent	87%, 73%, 78%
CMY	0.1255, 0.2745, 0.2157
CMYK	0.00, 0.17, 0.10, 0.13
HSL	336°, 37%, 80%
HSV	336°, 17%, 87%
XYZ	58.2057, 54.5560, 62.1062
YIQ	198.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

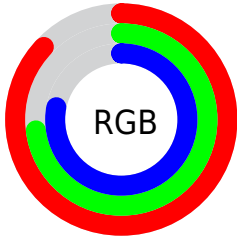
Format	Color
R _Y B	223, 185, 200
Decimal	14662088
CIE Lab	78.78, 16.04, -2.44
CIE LCh	79, 16.229, 351.342
Yxy	54.5560, 0.3329, 0.3120
Android (android.graphics.Color)	4292852168 (0xFFDFB9C8)
YUV	198.0720, 0.9505, 21.8619
Hunter-Lab	73.8620, 11.4053, 1.8500

Details

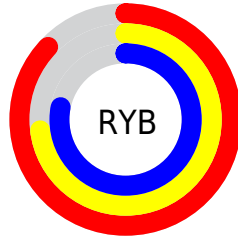
The XYZ color **58.2057, 54.5560, 62.1062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7825, 67.6451, 69.6890**, and the grayscale version is **53.7083, 56.5054, 61.5343**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.5880, 26.9027, 30.8274** is the 20% darker color. If you saturate the color by 10%, you get **52.3931, 45.3445, 52.7259**, and if you desaturate by 10%, it is **64.8924, 65.2914, 72.4664**.

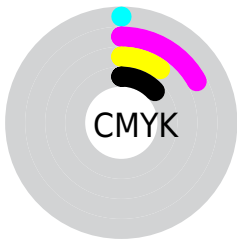
Distribution



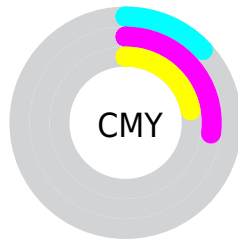
- Red (87%)
- Green (73%)
- Blue (78%)



- Red (87%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2057, 54.5560, 62.1062 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 58.2057, 54.5560, 62.1062 by changing the saturation by 10% instead.

58.2057, 54.5560,
62.1062

58.2057, 54.5560,
62.1062

407.8935,
404.2267, 450.3367

42.2179, 39.0464,
44.6822

101.3436, 96.8901,
109.4521

29.4638, 26.7958,
30.8660

129.2244,
124.4834, 140.2110

19.5780, 17.4199,
20.2393

161.8004,
156.8733, 176.2520

12.1952, 10.5343,
12.3833

199.4367,
194.4443, 217.9936

6.9499, 5.7546,
6.8796

242.4988,
237.5807, 265.8543

3.4768, 2.6965,
3.3096

291.3521,

1.4106, 0.9754,

286.6670, 320.2527

1.2548

346.3619,
342.0875, 381.6073

■ 0.2638, 0.0000,
0.0243

■ 0.0000, 0.0000,
0.0000

■ 58.2057, 54.5560,
62.1062

■ 58.2057, 54.5560,
62.1062

■ 52.3931, 45.3445,
52.7259

■ 64.8924, 65.2914,
72.4664

■ 47.4123, 37.5802,
44.2919

■ 72.4838, 77.6084,
83.8318

■ 43.2245, 31.1905,
36.7733

■ 81.0147, 91.5705,
96.2311

■ 39.7856, 26.0938,
30.1364

■ 84.0805, 94.3636,
107.5453

■ 37.0473, 22.1997,
24.3447

■ 84.2417, 94.4281,
108.3942

■ 34.9548, 19.4058,
19.3589

■ 33.4449, 17.5926,
15.1355

■ 32.4357, 16.6044,
11.6232

■ 32.1937, 16.3929,
10.7028

Harmonies

Analogous

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



56.8304, 54.5560, 71.1568



58.2057, 54.5560, 62.1062



57.8249, 54.5560, 53.1916

Triad

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



58.2057, 54.5560, 62.1062



49.6373, 54.5560, 44.3965



48.0889, 54.5560, 74.3209

Complementary

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



58.2057, 54.5560, 62.1062



57.7825, 67.6451, 69.6890

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.



46.3087, 54.5560, 66.0783



58.2057, 54.5560, 62.1062



47.1767, 54.5560, 49.0191

Square

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



58.2057, 54.5560, 62.1062



52.7896, 54.5560, 43.5683



45.9818, 54.5560, 56.7779



50.9292, 54.5560, 78.6712

Rectangle

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



58.2057, 54.5560, 62.1062



56.6328, 54.5560, 48.4625



45.9818, 54.5560, 56.7779



47.3516, 54.5560, 71.8755

Sweetspot

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



58.2073, 54.5584, 62.1074



89.8987, 91.6460, 101.1754



56.6264, 53.4092, 77.1372



19.0925, 19.3742, 21.4293



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.



58.2073, 54.5584, 62.1074



76.3049, 69.8345, 80.0702



57.3449, 55.5024, 53.5925



13.9302, 13.7897, 15.4024



18.9812, 9.6595, 6.5667



1.3588, 0.6868, 0.6825

Inverse Universe

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



58.2073, 54.5584, 62.1074



76.3049, 69.8345, 80.0702



58.7123, 66.4109, 79.5368



13.9302, 13.7897, 15.4024



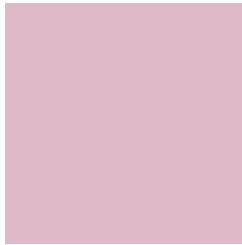
18.9812, 9.6595, 6.5667



1.3588, 0.6868, 0.6825

Previews

White Background



This preview shows how the XYZ color 58.2057, 54.5560, 62.1062 looks on a white background.

Color Contrast Check

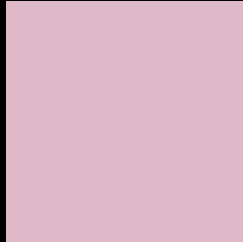
Large Text (above 18pt) WCAG AA × Fail

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 58.2057, 54.5560, 62.1062 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 58.2057, 54.5560, 62.1062

Background



This preview shows how black text looks on a background with the XYZ color 58.2057, 54.5560, 62.1062.



This preview shows how white text looks on a background with the XYZ color 58.2057, 54.5560,

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

58.2057, 54.5560, 62.1062

Protanopia

53.0762, 54.7271, 65.5236

Deuteranopia

55.6578, 54.5158, 61.6219



Tritanopia

58.2057, 54.5560, 62.1062

Trichromacy



Original Color

58.2057, 54.5560, 62.1062

Protanomaly

54.8639, 54.6952, 64.1655

Deuteranomaly

56.6109, 54.6889, 61.6051

Tritanomaly

58.2057, 54.5560, 62.1062

Monochromacy



Original Color

58.2057, 54.5560, 62.1062

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.1109, 55.5288, 61.8463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2057, 54.5560, 62.1062 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(223, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 200)  
}
```

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(223, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.2057, 54.5560, 62.1062 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(223, 185, 200) }
```


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

```
.border{ border-color:rgb(223, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2057, 54.5560, 62.1062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 200) }
```

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

```
.background{ background-color: rgb(223,  
185, 200) }
```

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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