

Converting Colors

XYZ(58.1998, 56.9771, 53.3792)

Have a look what the booklet for
XYZ(58.1998, 56.9771, 53.3792)
contains.

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Color

**XYZ(58.2418, 57.0073,
53.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C0B8
RGB	224, 192, 184
RGB Percent	88%, 75%, 72%
CMY	0.1216, 0.2470, 0.2784
CMYK	0.00, 0.14, 0.18, 0.12
HSL	12°, 39%, 80%
HSV	12°, 18%, 88%
XYZ	58.2418, 57.0073, 53.2812
YIQ	200.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

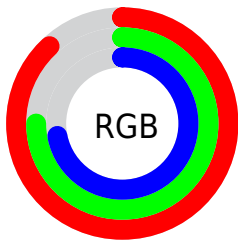
Format	Color
RYB	224, 194, 184
Decimal	14729400
CIELab	80.18, 10.10, 8.23
CIElCh	80, 13.030, 39.169
Yxy	57.0073, 0.3456, 0.3383
Android (android.graphics.Color)	4292919480 (0xFFE0C0B8)
YUV	200.6560, -8.2114, 20.4727
Hunter-Lab	75.5032, 5.5611, 11.0124

Details

The XYZ color **58.2418, 57.0073, 53.2812** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7770, 64.6821, 79.9610**, and the grayscale version is **55.3455, 58.2278, 63.4101**.

A 20% lighter version of the original color is **90.5356, 94.6861, 95.9426**, and **29.4778, 28.4288, 25.4064** is the 20% darker color. If you saturate the color by 10%, you get **52.3799, 48.7480, 40.6455**, and if you desaturate by 10%, it is **64.9577, 66.3784, 68.0372**.

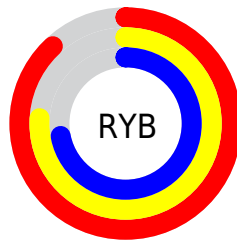
Distribution



Red (88%)

Green (75%)

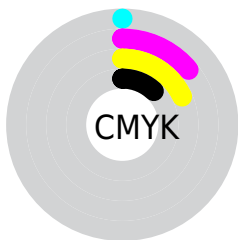
Blue (72%)



Red (88%)

Yellow (76%)

Blue (72%)

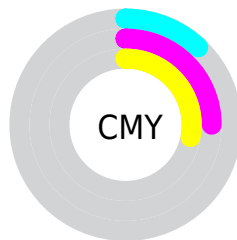


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (12%)



Cyan (12%)


Magenta (25%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2418, 57.0073, 53.2812 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 58.2418, 57.0073, 53.2812 by changing the saturation by 10% instead.


 58.2418, 57.0073,
53.2812

 58.2418, 57.0073,
53.2812


408.0257,
413.4767, 416.4599

 42.2471, 41.0111,
37.6380


 101.3958,
100.4758, 96.4638

 29.4868, 28.3278,
25.4022

129.2859,
128.7170, 124.8402

 19.5955, 18.5729,
16.1552


161.8717,
161.8085, 158.2982

 12.2079, 11.3621,
9.4785

199.5187,
200.1349, 197.2563

 6.9586, 6.3109,
4.9536

242.5923,
244.0805, 242.1329

 3.4823, 3.0350,
2.1618

291.4577,

 1.4137, 1.1501,

294.0298, 293.3467

0.6522

346.4804,
350.3670, 351.3162

■ 0.2659, 0.0203,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2418, 57.0073,
53.2812

■ 58.2418, 57.0073,
53.2812

■ 52.3799, 48.7480,
40.6455

■ 64.9577, 66.3784,
68.0372

■ 47.3326, 41.5516,
30.0288

■ 72.5553, 76.8926,
85.0012

■ 43.0646, 35.3767,
21.3270

■ 81.0673, 88.5897,
104.2602

■ 39.5359, 30.1765,
14.4252

■ 84.5506, 94.5874,
108.4086

■ 36.7029, 25.9004,
9.1959

■ 34.5171, 22.4928,
5.4950

■ 32.9232, 19.8923,
3.1535

■ 31.8513, 18.0266,
1.9386

■ 31.6723, 17.7108,
1.7492

Harmonies

Analogous

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



59.3853, 57.0073, 59.7690



58.2418, 57.0073, 53.2812



56.0209, 57.0073, 49.3762

Triad

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



58.2418, 57.0073, 53.2812



49.5478, 57.0073, 57.0122



55.0018, 57.0073, 77.6648

Complementary

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



58.2418, 57.0073, 53.2812



57.7770, 64.6821, 79.9610

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.



52.3872, 57.0073, 76.7747



58.2418, 57.0073, 53.2812



49.2951, 57.0073, 64.4319

Square

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



58.2418, 57.0073, 53.2812



51.0206, 57.0073, 51.4048



50.3187, 57.0073, 71.7785



57.4749, 57.0073, 74.1197

Rectangle

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



58.2418, 57.0073, 53.2812



54.2579, 57.0073, 48.5609



50.3187, 57.0073, 71.7785



54.1096, 57.0073, 77.8803

Sweetspot

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



58.2434, 57.0099, 53.2824



89.8970, 92.8706, 97.3891



60.2761, 55.0868, 72.4221



19.0919, 19.6704, 20.5121



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.



58.2434, 57.0099, 53.2824



75.4206, 72.6683, 65.5876



62.9361, 66.3954, 54.8467



13.9282, 14.1424, 14.3024



18.5004, 10.4387, 1.0398



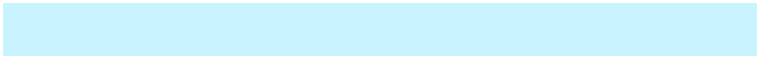
1.3455, 0.8498, 0.0931

Inverse Universe

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



57.7770, 64.6821, 79.9610



74.6948, 84.5724, 106.9950



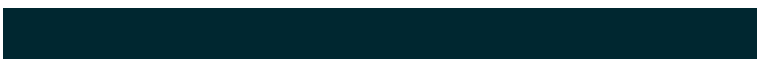
52.9623, 55.0527, 78.3561



13.8714, 15.0820, 17.5677



17.3182, 22.1059, 44.4025



1.2603, 1.6521, 3.0977

Previews

White Background



This preview shows how the XYZ color 58.2418, 57.0073, 53.2812 looks on a white background.

Color Contrast Check

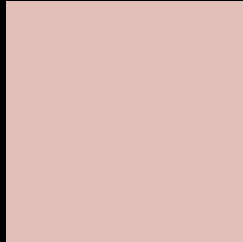
Large Text (above 18pt) WCAG AA × Fail

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 58.2418, 57.0073, 53.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

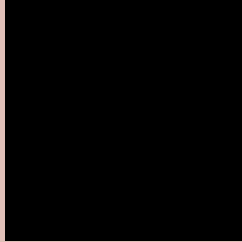
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2418, 57.0073, 53.2812

Background



This preview shows how black text looks on a background with the XYZ color 58.2418, 57.0073, 53.2812.

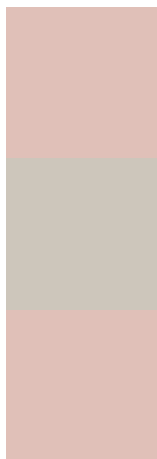


This preview shows how white text looks on a background with the XYZ color 58.2418, 57.0073,

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

58.2418, 57.0073, 53.2812

Protanopia

54.3406, 56.9552, 55.1431

Deuteranopia

58.2418, 57.0073, 53.2812



Tritanopia

60.4607, 56.9236, 64.9275

Trichromacy



Original Color

58.2418, 57.0073, 53.2812

Protanomaly

55.7542, 57.0221, 54.5222

Deuteranomaly

58.2418, 57.0073, 53.2812

Tritanomaly

59.5428, 56.8657, 60.6613

Monochromacy



Original Color

58.2418, 57.0073, 53.2812

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3389, 57.8836, 59.8330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2418, 57.0073, 53.2812 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(224, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(224, 192, 184)  
}
```

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(224, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.2418, 57.0073, 53.2812 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(224, 192, 184) }
```


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

```
.border{ border-color:rgb(224, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2418, 57.0073, 53.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 192, 184) }
```

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

```
.background{ background-color: rgb(224,  
192, 184) }
```

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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