

Converting Colors

XYZ(59.5625, 57.0410, 55.0347)

Have a look what the booklet for
XYZ(59.5625, 57.0410, 55.0347)
contains.

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Color

**XYZ(59.3780, 56.9087,
54.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BEBB
RGB	228, 190, 187
RGB Percent	89%, 75%, 73%
CMY	0.1059, 0.2549, 0.2667
CMYK	0.00, 0.17, 0.18, 0.11
HSL	4°, 43%, 81%
HSV	4°, 18%, 89%
XYZ	59.3780, 56.9087, 54.8686
YIQ	201.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

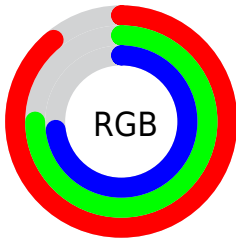
Format	Color
R _Y B	228, 190, 187
Decimal	14991035
CIE Lab	80.13, 13.08, 6.58
CIE LCh	80, 14.648, 26.711
Yxy	56.9087, 0.3469, 0.3325
Android (android.graphics.Color)	4293181115 (0xFFE4BEBB)
YUV	201.0200, -6.9119, 23.6615
Hunter-Lab	75.4379, 8.4831, 9.6828

Details

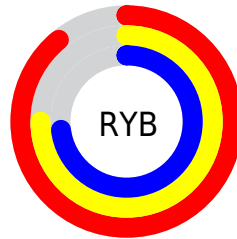
The XYZ color **59.3780, 56.9087, 54.8686** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4219, 70.0151, 83.6763**, and the grayscale version is **55.5622, 58.4558, 63.6584**.

A 20% lighter version of the original color is **90.3734, 93.6426, 98.1057**, and **30.2620, 28.3832, 26.4378** is the 20% darker color. If you saturate the color by 10%, you get **52.8791, 47.5115, 41.6009**, and if you desaturate by 10%, it is **66.9311, 67.7929, 70.4008**.

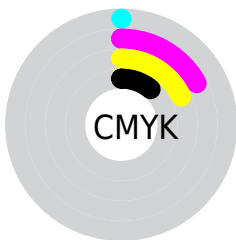
Distribution



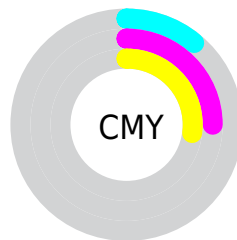
- Red (89%)
- Green (75%)
- Blue (73%)



- Red (89%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3780, 56.9087, 54.8686 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 59.3780, 56.9087, 54.8686 by changing the saturation by 10% instead.


 59.3780, 56.9087,
54.8686

 59.3780, 56.9087,
54.8686


412.1729,
413.1071, 422.6815

 43.1650, 40.9319,
38.8986


 103.0383,
100.3320, 98.8176

 30.2097, 28.2659,
26.3737


131.2164,
128.5472, 127.6338

 20.1467, 18.5262,
16.8751


164.1136,
161.6108, 161.5691

 12.6106, 11.3284,
9.9845

202.0951,
199.9071, 201.0420

 7.2361, 6.2882,
5.2832

245.5265,
243.8205, 246.4712

 3.6578, 3.0211,
2.3527

294.7730,

 1.5104, 1.1428,

293.7354, 298.2752

0.7605

350.2000,
350.0361, 356.8724

■ 0.3329, 0.0142,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3780, 56.9087,
54.8686

■ 59.3780, 56.9087,
54.8686

■ 52.8791, 47.5115,
41.6009

■ 66.9311, 67.7929,
70.4008

■ 47.3830, 39.5295,
30.4887

■ 75.5773, 80.2167,
88.2927

■ 42.8410, 32.8964,
21.4191

■ 85.2949, 94.2136,
108.2973

■ 39.1987, 27.5377,
14.2677

■ 85.8052, 95.2341,
108.4673

■ 36.3960, 23.3715,
8.8964

■ 34.3654, 20.3065,
5.1487

■ 33.0291, 18.2381,
2.8409

■ 32.2880, 17.0394,
1.7193

■ 32.1911, 16.8859,
1.5627

Harmonies

Analogous

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



60.0217, 56.9087, 62.9113



59.3780, 56.9087, 54.8686



57.3001, 56.9087, 49.2201

Triad

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



59.3780, 56.9087, 54.8686



49.4350, 56.9087, 53.3768



53.7615, 56.9087, 79.8560

Complementary

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



59.3780, 56.9087, 54.8686



61.4219, 70.0151, 83.6763

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.



51.0021, 56.9087, 76.7369



59.3780, 56.9087, 54.8686



48.5626, 56.9087, 61.0261

Square

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



59.3780, 56.9087, 54.8686



51.5522, 56.9087, 48.4160



49.1257, 56.9087, 69.6459



56.7098, 56.9087, 77.8291

Rectangle

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



59.3780, 56.9087, 54.8686



55.4194, 56.9087, 47.3104



49.1257, 56.9087, 69.6459



52.7820, 56.9087, 79.3680

Sweetspot

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



59.3796, 56.9113, 54.8698



89.4103, 91.8973, 97.2269



63.3929, 57.4862, 79.1804



18.9741, 19.4348, 20.4729



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.



59.3796, 56.9113, 54.8698



72.8956, 68.0957, 63.2737



64.0694, 66.2910, 56.4331



14.4614, 14.5367, 14.9481



18.6200, 9.8141, 0.9129



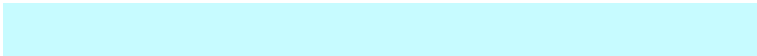
1.4058, 0.7849, 0.0774

Inverse Universe

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



61.4219, 70.0151, 83.6763



76.0393, 88.2738, 107.6386



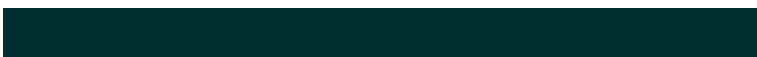
56.2733, 59.7181, 81.9602



14.7123, 16.1461, 18.4854



21.6174, 30.2969, 47.0917



1.6246, 2.2932, 3.4890

Previews

White Background



This preview shows how the XYZ color 59.3780, 56.9087, 54.8686 looks on a white background.

Color Contrast Check

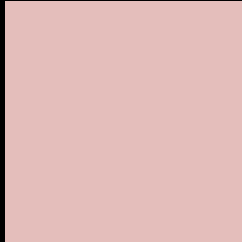
Large Text (above 18pt) WCAG AA × Fail

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 59.3780, 56.9087, 54.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

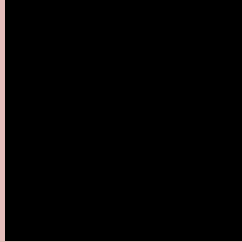
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3780, 56.9087, 54.8686

Background



This preview shows how black text looks on a background with the XYZ color 59.3780, 56.9087, 54.8686.



This preview shows how white text looks on a background with the XYZ color 59.3780, 56.9087,

54.8686.

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

59.3780, 56.9087, 54.8686

Protanopia

54.4999, 56.9871, 57.4174

Deuteranopia

58.2507, 56.9751, 54.9409



Tritanopia

61.2770, 57.0537, 63.6599

Trichromacy



Original Color

59.3780, 56.9087, 54.8686

Protanomaly

56.2499, 56.8941, 56.7322

Deuteranomaly

58.6518, 56.8570, 54.8969

Tritanomaly

60.5887, 57.0844, 60.6483

Monochromacy



Original Color

59.3780, 56.9087, 54.8686

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7940, 57.7669, 60.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3780, 56.9087, 54.8686 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(228, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 187)  
}
```

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(228, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.3780, 56.9087, 54.8686 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(228, 190, 187) }
```


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

```
.border{ border-color:rgb(228, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 190, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 190, 187); box-shadow:4px 4px 4px 4px rgb(228, 190, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3780, 56.9087, 54.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 190, 187) }
```

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

```
.background{ background-color: rgb(228,  
190, 187) }
```

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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