

Converting Colors

XYZ(58.6159, 53.6986, 50.8351)

Have a look what the booklet for
XYZ(58.6159, 53.6986, 50.8351)
contains.

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Color

**XYZ(58.7960, 53.8764,
51.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB5B5
RGB	234, 181, 181
RGB Percent	92%, 71%, 71%
CMY	0.0824, 0.2902, 0.2902
CMYK	0.00, 0.23, 0.23, 0.08
HSL	0°, 56%, 81%
HSV	0°, 23%, 92%
XYZ	58.7960, 53.8764, 51.0164
YIQ	196.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

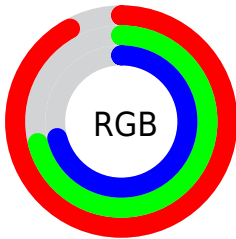
Format	Color
RYB	234, 181, 181
Decimal	15381941
CIELab	78.39, 19.18, 7.40
CIELCh	78, 20.557, 21.105
Yxy	53.8764, 0.3592, 0.3291
Android (android.graphics.Color)	4293572021 (0xFFEAB5B5)
YUV	196.8470, -7.8126, 32.5832
Hunter-Lab	73.4005, 14.5328, 10.1714

Details

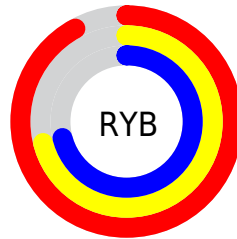
The XYZ color **58.7960, 53.8764, 51.0164** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.3293, 74.6076, 88.9050**, and the grayscale version is **53.0122, 55.7729, 60.7367**.

A 20% lighter version of the original color is **86.8102, 87.9428, 92.5200**, and **29.7469, 26.3440, 23.9391** is the 20% darker color. If you saturate the color by 10%, you get **52.2291, 44.2676, 37.9599**, and if you desaturate by 10%, it is **66.5681, 65.2494, 66.4654**.

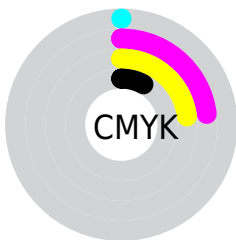
Distribution



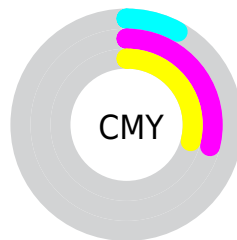
- Red (92%)
- Green (71%)
- Blue (71%)



- Red (92%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7960, 53.8764, 51.0164 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 58.7960, 53.8764, 51.0164 by changing the saturation by 10% instead.


 58.7960, 53.8764,
51.0164

 58.7960, 53.8764,
51.0164


410.0517,
401.6385, 407.4759

 42.6947, 38.5029,
35.8448


 102.1974, 95.8927,
93.0908

 29.8391, 26.3732,
24.0256


130.2282,
123.3043, 120.8307

 19.8640, 17.1030,
15.1403


162.9662,
155.4974, 153.5971

 12.4039, 10.3080,
8.7702

200.7768,
192.8563, 191.8085

 7.0935, 5.6036,
4.4968

244.0253,
235.7655, 235.8836

 3.5675, 2.6056,
1.9017

293.0770,

 1.4605, 0.9295,

284.6093, 286.2408

0.4938

348.2974,
339.7722, 343.2987

■ 0.2987, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7960, 53.8764,
51.0164

■ 58.7960, 53.8764,
51.0164

■ 52.2291, 44.2676,
37.9599

■ 66.5681, 65.2494,
66.4654

■ 46.8030, 36.3276,
27.1731

■ 75.5967, 78.4608,
84.4144

■ 42.4540, 29.9637,
18.5276

■ 85.9358, 93.5896,
104.9687

■ 39.1103, 25.0708,
11.8808

■ 87.7418, 96.2325,
108.5580

■ 36.6915, 21.5312,
7.0728

■ 35.1049, 19.2094,
3.9191

■ 34.2384, 17.9413,
2.1971

■ 33.9320, 17.4929,
1.5881

Harmonies

Analogous

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



59.2658, 53.8764, 62.1672



58.7960, 53.8764, 51.0164



56.2379, 53.8764, 43.0060

Triad

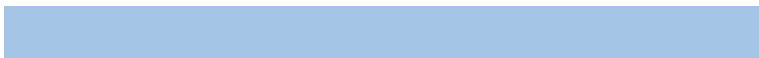
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7960, 53.8764, 51.0164



45.4012, 53.8764, 45.7819



50.0170, 53.8764, 83.4796

Complementary

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



58.7960, 53.8764, 51.0164



63.3293, 74.6076, 88.9050

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.



46.4871, 53.8764, 77.7203



58.7960, 53.8764, 51.0164



43.9157, 53.8764, 55.2915

Square

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



58.7960, 53.8764, 51.0164



48.4635, 53.8764, 40.2714



44.3025, 53.8764, 67.0362



54.0540, 53.8764, 81.9410

Rectangle

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



58.7960, 53.8764, 51.0164



53.7629, 53.8764, 40.0436



44.3025, 53.8764, 67.0362



48.7351, 53.8764, 82.3078

Sweetspot

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



58.7975, 53.8789, 51.0175



86.8761, 88.0394, 92.6501



65.3072, 56.4813, 85.3020



18.4520, 18.6347, 19.5466



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.



58.7975, 53.8789, 51.0175



67.7107, 59.9951, 54.5495



64.7067, 65.6974, 52.9873



15.0656, 15.0543, 15.6304



19.0680, 9.8301, 0.8924



1.4973, 0.7720, 0.0701

Inverse Universe

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



63.3293, 74.6076, 88.9050



74.0943, 89.1941, 107.9187



56.3420, 60.6331, 86.5759



15.5176, 17.1217, 19.4092



24.8765, 36.4000, 49.4577



1.9534, 2.8583, 3.8836

Previews

White Background



This preview shows how the XYZ color 58.7960, 53.8764, 51.0164 looks on a white background.

Color Contrast Check

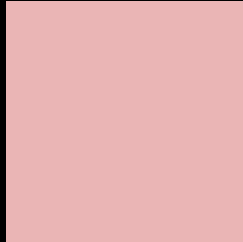
Large Text (above 18pt) WCAG AA × Fail

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 58.7960, 53.8764, 51.0164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

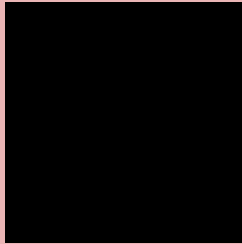
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7960, 53.8764, 51.0164

Background



This preview shows how black text looks on a background with the XYZ color 58.7960, 53.8764, 51.0164.



This preview shows how white text looks on a background with the XYZ color 58.7960, 53.8764,

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

58.7960, 53.8764, 51.0164

Protanopia

51.7003, 53.9129, 55.2583

Deuteranopia

54.9220, 53.7414, 50.6584



Tritanopia

60.0067, 53.7526, 57.6647

Trichromacy



Original Color

58.7960, 53.8764, 51.0164

Protanomaly

54.1059, 53.8950, 53.4500

Deuteranomaly

56.3277, 53.8405, 50.6035

Tritanomaly

59.7675, 53.9788, 55.4130

Monochromacy



Original Color

58.7960, 53.8764, 51.0164

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.6131, 54.7248, 56.9747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7960, 53.8764, 51.0164 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(234, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(234, 181, 181)  
}
```

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(234, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 58.7960, 53.8764, 51.0164 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(234, 181, 181) }
```


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

```
.border{ border-color:rgb(234, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(234, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7960, 53.8764, 51.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 181, 181) }
```

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

```
.background{ background-color: rgb(234,  
181, 181) }
```

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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