

Converting Colors

XYZ(59.4464, 56.1225, 51.4151)

Have a look what the booklet for
XYZ(59.4464, 56.1225, 51.4151)
contains.

XYZ(59.3895, 56.0326, 51.4013)	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(59.3895, 56.0326,
51.4013)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BBB5
RGB	232, 187, 181
RGB Percent	91%, 73%, 71%
CMY	0.0902, 0.2666, 0.2902
CMYK	0.00, 0.19, 0.22, 0.09
HSL	7°, 53%, 81%
HSV	7°, 22%, 91%
XYZ	59.3895, 56.0326, 51.4013
YIQ	199.7710, 28.7460, 7.6740

Conversions

Conversions Part 2

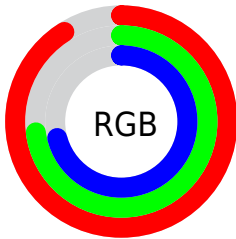
Format	Color
R _Y B	232, 188, 181
Decimal	15252405
CIE Lab	79.63, 15.25, 9.15
CIE LCh	80, 17.787, 30.978
Yxy	56.0326, 0.3560, 0.3359
Android (android.graphics.Color)	4293442485 (0xFFE8BBB5)
YUV	199.7710, -9.2541, 28.2648
Hunter-Lab	74.8549, 10.6248, 11.6853

Details

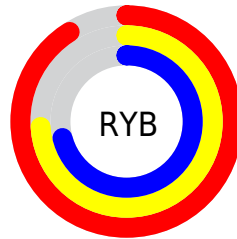
The XYZ color **59.3895, 56.0326, 51.4013** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.8173, 70.0409, 86.6581**, and the grayscale version is **54.8028, 57.6568, 62.7883**.

A 20% lighter version of the original color is **88.5767, 91.4756, 93.1088**, and **30.3259, 27.8388, 24.1972** is the 20% darker color. If you saturate the color by 10%, you get **53.1674, 47.0857, 38.5444**, and if you desaturate by 10%, it is **66.6301, 66.3810, 66.5546**.

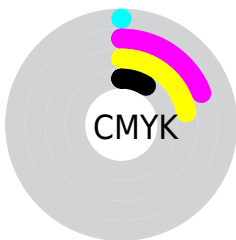
Distribution



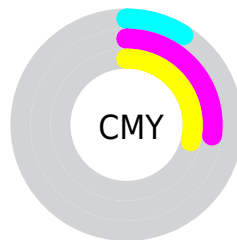
- Red (91%)
- Green (73%)
- Blue (71%)



- Red (91%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3895, 56.0326, 51.4013 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 59.3895, 56.0326, 51.4013 by changing the saturation by 10% instead.


 59.3895, 56.0326,
51.4013

 59.3895, 56.0326,
51.4013


412.2147,
409.8143, 409.0119

 43.1743, 40.2291,
36.1491


 103.0549, 99.0522,
93.6653

 30.2170, 27.7172,
24.2588


131.2359,
127.0371, 121.5141

 20.1523, 18.1126,
15.3117


164.1362,
159.8513, 154.3990

 12.6147, 11.0308,
8.8894

202.1212,
197.8790, 192.7384

 7.2389, 6.0876,
4.5733

245.5561,
241.5048, 236.9508

 3.6596, 2.8984,
1.9448

294.8065,

 1.5114, 1.0789,

291.1130, 287.4548

0.5210

350.2375,
347.0881, 344.6690

■ 0.3336, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3895, 56.0326,
51.4013

■ 59.3895, 56.0326,
51.4013

■ 53.1674, 47.0857,
38.5444

■ 66.6301, 66.3810,
66.5546

■ 47.9134, 39.4728,
27.8685

■ 74.9272, 78.1796,
84.1050

■ 43.5800, 33.1319,
19.2532

■ 84.3228, 91.4840,
104.1517

■ 40.1136, 27.9936,
12.5654

■ 87.0889, 95.8959,
108.5274

■ 37.4550, 23.9815,
7.6560

■ 35.5376, 21.0103,
4.3542

■ 34.2835, 18.9825,
2.4554

■ 33.6780, 17.9542,
1.6905

Harmonies

Analogous

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



60.4521, 56.0326, 60.6737



59.3895, 56.0326, 51.4013



56.6725, 56.0326, 45.3223

Triad

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



59.3895, 56.0326, 51.4013



47.4534, 56.0326, 51.9236



53.3750, 56.0326, 82.9573

Complementary

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



59.3895, 56.0326, 51.4013



60.8173, 70.0409, 86.6581

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.



49.9821, 56.0326, 79.9548



59.3895, 56.0326, 51.4013



46.6573, 56.0326, 61.3475

Square

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



59.3895, 56.0326, 51.4013



49.7871, 56.0326, 45.5992



47.5625, 56.0326, 71.7472



56.8851, 56.0326, 79.5521

Rectangle

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



59.3895, 56.0326, 51.4013



54.3458, 56.0326, 43.5137



47.5625, 56.0326, 71.7472



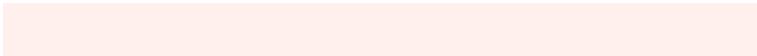
52.1835, 56.0326, 82.6613

Sweetspot

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



59.3910, 56.0352, 51.4025



87.4882, 89.2636, 92.8542



63.5375, 55.6980, 79.3899



18.5932, 18.9171, 19.5936



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.



59.3910, 56.0352, 51.4025



70.2469, 64.6294, 56.7459



65.2759, 67.8048, 53.3641



14.5130, 14.6398, 14.9653



18.7435, 10.0611, 0.9541



1.4304, 0.8341, 0.0856

Inverse Universe

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



60.8173, 70.0409, 86.6581



72.2822, 84.6410, 107.1354



54.4041, 57.2144, 84.5204



14.6550, 16.0314, 18.4663



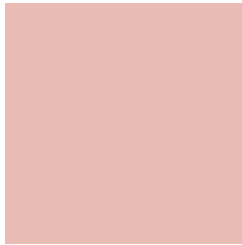
20.2254, 27.5129, 46.6277



1.5358, 2.1155, 3.4593

Previews

White Background



This preview shows how the XYZ color 59.3895, 56.0326, 51.4013 looks on a white background.

Color Contrast Check

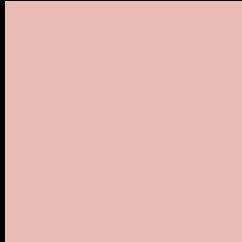
Large Text (above 18pt) WCAG AA × Fail

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 59.3895, 56.0326, 51.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

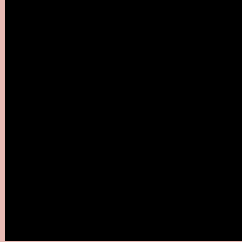
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3895, 56.0326, 51.4013

Background



This preview shows how black text looks on a background with the XYZ color 59.3895, 56.0326, 51.4013.



This preview shows how white text looks on a background with the XYZ color 59.3895, 56.0326,

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

59.3895, 56.0326, 51.4013

Protanopia

53.7310, 56.3150, 54.4923

Deuteranopia

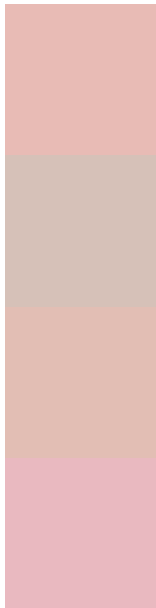
57.3004, 56.2449, 51.0163



Tritanopia

61.3810, 55.8969, 61.5869

Trichromacy



Original Color

59.3895, 56.0326, 51.4013

Protanomaly

55.4532, 55.8968, 53.2139

Deuteranomaly

58.0157, 56.2909, 50.9875

Tritanomaly

60.4677, 55.8273, 57.4579

Monochromacy



Original Color

59.3895, 56.0326, 51.4013

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.2921, 56.8775, 58.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3895, 56.0326, 51.4013 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(232, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 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(232, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.3895, 56.0326, 51.4013 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(232, 187, 181) }
```


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

```
.border{ border-color:rgb(232, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3895, 56.0326, 51.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 181) }
```

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

```
.background{ background-color: rgb(232,  
187, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor