

Converting Colors

XYZ(56.0961, 50.5567, 44.6245)

Have a look what the booklet for
XYZ(56.0961, 50.5567, 44.6245)
contains.

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Color

**XYZ(55.9960, 50.4980,
44.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AEAA
RGB	233, 174, 170
RGB Percent	91%, 68%, 67%
CMY	0.0863, 0.3176, 0.3333
CMYK	0.00, 0.25, 0.27, 0.09
HSL	4°, 59%, 79%
HSV	4°, 27%, 91%
XYZ	55.9960, 50.4980, 44.8260
YIQ	191.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

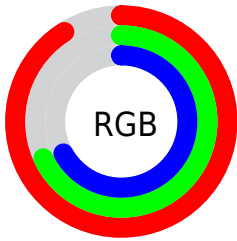
Format	Color
R _Y B	233, 174, 170
Decimal	15314602
CIE Lab	76.37, 20.99, 10.48
CIE LCh	76, 23.465, 26.534
Yxy	50.4980, 0.3701, 0.3337
Android (android.graphics.Color)	4293504682 (0xFFE9AEAA)
YUV	191.1850, -10.4442, 36.6718
Hunter-Lab	71.0619, 16.2976, 12.3431

Details

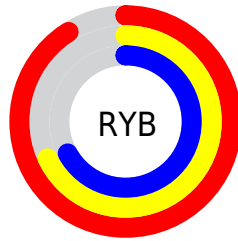
The XYZ color **55.9960, 50.4980, 44.8260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3040, 70.4657, 87.5666**, and the grayscale version is **49.6736, 52.2605, 56.9117**.

A 20% lighter version of the original color is **83.1274, 83.2899, 82.9294**, and **28.0119, 24.2129, 20.3367** is the 20% darker color. If you saturate the color by 10%, you get **50.1060, 41.9381, 32.9350**, and if you desaturate by 10%, it is **62.9641, 60.5883, 59.0046**.

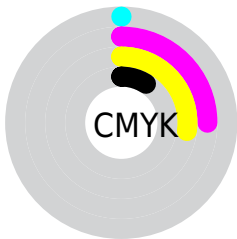
Distribution



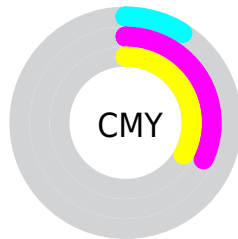
- Red (91%)
- Green (68%)
- Blue (67%)



- Red (91%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9960, 50.4980, 44.8260 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 55.9960, 50.4980, 44.8260 by changing the saturation by 10% instead.


 55.9960, 50.4980,
44.8260

 55.9960, 50.4980,
44.8260


399.7517,
388.6102, 382.2080

 40.4367, 35.8093,
30.9784


 98.1386, 90.9123,
83.7749

 28.0649, 24.2869,
20.3241


125.4526,
117.4066, 109.7134

 18.5153, 15.5466,
12.4444


157.4155,
148.6050, 140.5192

 11.4225, 9.2039,
6.9209

194.3927,
184.8917, 176.6110

 6.4212, 4.8744,
3.3350

236.7496,
226.6512, 218.4072

 3.1459, 2.1738,
1.2681

284.8515,

 1.2314, 0.7056,

274.2678, 266.3264

0.0355

339.0637,
328.1261, 320.7871

■ 0.1309, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9960, 50.4980,
44.8260

■ 55.9960, 50.4980,
44.8260

■ 50.1060, 41.9381,
32.9350

■ 62.9641, 60.5883,
59.0046

■ 45.2363, 34.8271,
23.2090

■ 71.0561, 72.2710,
75.5787

■ 41.3301, 29.0870,
15.5183

■ 80.3200, 85.6134,
94.6530

■ 38.3233, 24.6294,
9.7185

■ 87.4144, 96.0637,
108.5427

■ 36.1437, 21.3557,
5.6460

■ 34.7085, 19.1529,
3.1093

■ 33.9154, 17.8852,
1.8628

■ 33.7725, 17.6600,
1.6287

Harmonies

Analogous

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



56.9750, 50.4980, 56.4660



55.9960, 50.4980, 44.8260



52.8299, 50.4980, 37.1000

Triad

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



55.9960, 50.4980, 44.8260



41.2603, 50.4980, 42.6418



47.4857, 50.4980, 82.9839

Complementary

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



55.9960, 50.4980, 44.8260



59.3040, 70.4657, 87.5666

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.



43.4679, 50.4980, 77.8509



55.9960, 50.4980, 44.8260



40.0152, 50.4980, 53.5276

Square

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



55.9960, 50.4980, 44.8260



44.3049, 50.4980, 35.9812



40.7982, 50.4980, 66.5706



51.8883, 50.4980, 79.7181

Rectangle

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



55.9960, 50.4980, 44.8260



50.0001, 50.4980, 34.5741



40.7982, 50.4980, 66.5706



46.0478, 50.4980, 82.1660

Sweetspot

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



55.9974, 50.5004, 44.8270



86.1434, 87.1665, 90.5792



62.2412, 51.7784, 81.4665



18.1020, 18.1723, 18.6978



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.



55.9974, 50.5004, 44.8270



64.8590, 56.3675, 47.2000



62.6080, 63.7217, 47.0306



15.1423, 15.2076, 15.6560



19.1934, 10.0810, 0.9342



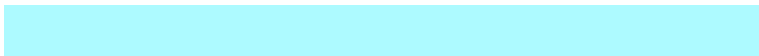
1.5342, 0.8458, 0.0824

Inverse Universe

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



59.3040, 70.4657, 87.5666



69.4997, 84.4051, 107.2365



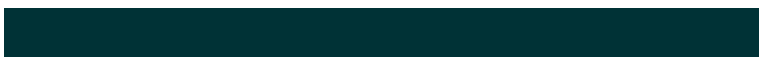
51.5602, 54.9781, 84.9853



15.4309, 16.9483, 19.3803



22.6346, 31.9162, 48.7104



1.8022, 2.5559, 3.8332

Previews

White Background



This preview shows how the XYZ color 55.9960, 50.4980, 44.8260 looks on a white background.

Color Contrast Check

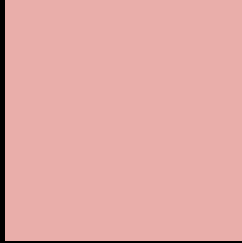
Large Text (above 18pt) WCAG AA × Fail

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 55.9960, 50.4980, 44.8260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

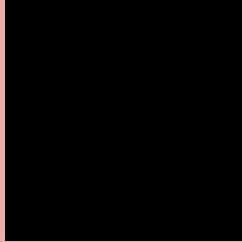
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9960, 50.4980, 44.8260

Background



This preview shows how black text looks on a background with the XYZ color 55.9960, 50.4980, 44.8260.



This preview shows how white text looks on a background with the XYZ color 55.9960, 50.4980,

44.8260.

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

55.9960, 50.4980, 44.8260

Protanopia

48.4247, 50.7429, 48.8371

Deuteranopia

51.6209, 50.6166, 44.5854



Tritanopia

57.7704, 50.6700, 52.6344

Trichromacy



Original Color

55.9960, 50.4980, 44.8260

Protanomaly

50.8680, 50.4783, 47.1066

Deuteranomaly

53.1003, 50.4769, 44.4804

Tritanomaly

57.1135, 50.6749, 49.9510

Monochromacy



Original Color

55.9960, 50.4980, 44.8260

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.3498, 51.2386, 51.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9960, 50.4980, 44.8260 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(233, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 170)  
}
```

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(233, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 55.9960, 50.4980, 44.8260 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(233, 174, 170) }
```


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

```
.border{ border-color:rgb(233, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9960, 50.4980, 44.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 174, 170) }
```

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

```
.background{ background-color: rgb(233,  
174, 170) }
```

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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