

Converting Colors

XYZ(55.8969, 50.2376, 46.4891)

Have a look what the booklet for
XYZ(55.8969, 50.2376, 46.4891)
contains.

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Color

**XYZ(55.7651, 50.0601,
46.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ADAD
RGB	232, 173, 173
RGB Percent	91%, 68%, 68%
CMY	0.0902, 0.3215, 0.3216
CMYK	0.00, 0.25, 0.25, 0.09
HSL	0°, 56%, 79%
HSV	0°, 25%, 91%
XYZ	55.7651, 50.0601, 46.2586
YIQ	190.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

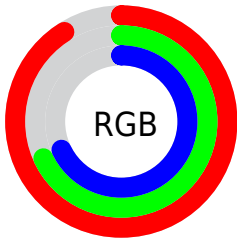
Format	Color
R _Y B	232, 173, 173
Decimal	15248813
CIE Lab	76.11, 21.57, 8.45
CIE LCh	76, 23.167, 21.398
Yxy	50.0601, 0.3667, 0.3292
Android (android.graphics.Color)	4293438893 (0xFFE8ADAD)
YUV	190.6410, -8.6970, 36.2718
Hunter-Lab	70.7532, 16.8693, 10.7633

Details

The XYZ color **55.7651, 50.0601, 46.2586** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6548, 72.4214, 87.1260**, and the grayscale version is **49.3490, 51.9190, 56.5398**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **27.8469, 23.9274, 21.2399** is the 20% darker color. If you saturate the color by 10%, you get **49.6435, 41.1028, 34.0875**, and if you desaturate by 10%, it is **63.0515, 60.7226, 60.7422**.

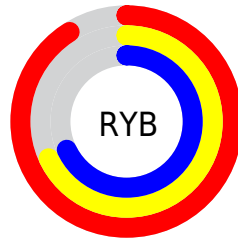
Distribution



Red (91%)

Green (68%)

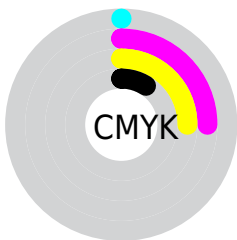
Blue (68%)



Red (91%)

Yellow (68%)

Blue (68%)

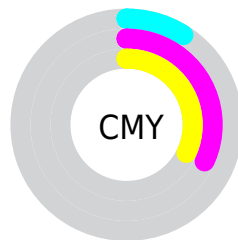


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7651, 50.0601, 46.2586 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 55.7651, 50.0601, 46.2586 by changing the saturation by 10% instead.


 55.7651, 50.0601,
46.2586

 55.7651, 50.0601,
46.2586


398.8951,
386.9009, 388.1551

 40.2509, 35.4612,
32.0998

 97.8029, 90.2639,
85.9442

 27.9193, 24.0183,
21.1723


125.0571,
116.6376, 112.3082

 18.4050, 15.3472,
13.0575


156.9554,
147.7049, 143.5775

 11.3426, 9.0634,
7.3370

193.8631,
183.8504, 180.1709

 6.3667, 4.7826,
3.5921

236.1455,
225.4583, 222.5068

 3.1121, 2.1203,
1.4043

284.1681,

 1.2133, 0.6760,

272.9131, 271.0038

0.1451

338.2962,
326.5992, 326.0803

■ 0.1168, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7651, 50.0601,
46.2586

■ 55.7651, 50.0601,
46.2586

■ 49.6435, 41.1028,
34.0875

■ 63.0515, 60.7226,
60.7422

■ 44.6227, 33.7558,
24.1063

■ 71.5545, 73.1647,
77.6461

■ 40.6384, 27.9257,
16.1861

■ 81.3275, 87.4652,
97.0748

■ 37.6185, 23.5066,
10.1830

■ 87.0888, 95.8959,
108.5274

■ 35.4812, 20.3790,
5.9345

■ 34.1315, 18.4038,
3.2517

■ 33.4523, 17.4098,
1.9019

■ 33.2790, 17.1562,
1.5575

Harmonies

Analogous

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



56.3009, 50.0601, 58.1536



55.7651, 50.0601, 46.2586



52.9691, 50.0601, 37.9087

Triad

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



55.7651, 50.0601, 46.2586



41.3634, 50.0601, 40.9369



46.3455, 50.0601, 81.6599

Complementary

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



55.7651, 50.0601, 46.2586



60.6548, 72.4214, 87.1260

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.



42.5706, 50.0601, 75.3560



55.7651, 50.0601, 46.2586



39.8108, 50.0601, 51.0160

Square

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



55.7651, 50.0601, 46.2586



44.6059, 50.0601, 35.1762



40.2389, 50.0601, 63.6817



50.6847, 50.0601, 79.8716

Rectangle

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



55.7651, 50.0601, 46.2586



50.2875, 50.0601, 34.8798



40.2389, 50.0601, 63.6817



44.9726, 50.0601, 80.3861

Sweetspot

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



55.7665, 50.0624, 46.2596



85.7720, 86.4238, 90.4554



62.7882, 52.8697, 83.2397



18.0096, 17.9873, 18.6670



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.



55.7665, 50.0624, 46.2596



64.5883, 55.4261, 48.3425



62.0600, 62.6495, 48.3575



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



60.6548, 72.4214, 87.1260



71.7012, 87.9603, 107.8067



53.0376, 57.1871, 84.5870



14.8074, 16.3362, 18.5171



24.1035, 35.2691, 47.9204



1.7812, 2.6063, 3.5412

Previews

White Background



This preview shows how the XYZ color 55.7651, 50.0601, 46.2586 looks on a white background.

Color Contrast Check

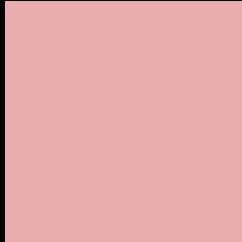
Large Text (above 18pt) WCAG AA × Fail

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 55.7651, 50.0601, 46.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

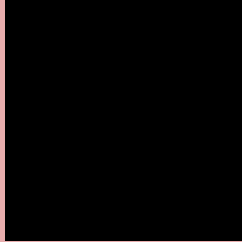
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7651, 50.0601, 46.2586

Background



This preview shows how black text looks on a background with the XYZ color 55.7651, 50.0601, 46.2586.



This preview shows how white text looks on a background with the XYZ color 55.7651, 50.0601,

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

55.7651, 50.0601, 46.2586

Protanopia

48.1031, 50.2143, 50.8731

Deuteranopia

51.0259, 49.9851, 45.4868



Tritanopia

56.8189, 49.9101, 51.9863

Trichromacy



Original Color

55.7651, 50.0601, 46.2586

Protanomaly

50.4960, 49.9356, 49.0966

Deuteranomaly

52.5802, 49.8794, 45.8861

Tritanomaly

56.5950, 50.1240, 49.8720

Monochromacy



Original Color

55.7651, 50.0601, 46.2586

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2458, 50.8635, 52.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7651, 50.0601, 46.2586 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, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 173, 173)  
}
```

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, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.7651, 50.0601, 46.2586 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, 173, 173) }
```


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

```
.border{ border-color:rgb(232, 173, 173) }
```

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

Here you see how a box with a 4 pixel rgb(232, 173, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7651, 50.0601, 46.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 173, 173) }
```

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

```
.background{ background-color: rgb(232,  
173, 173) }
```

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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