

Converting Colors

XYZ(55.7417, 49.8500, 46.0963)

Have a look what the booklet for
XYZ(55.7417, 49.8500, 46.0963)
contains.

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Color

**XYZ(55.5741, 49.6780,
46.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ACAD
RGB	232, 172, 173
RGB Percent	91%, 67%, 68%
CMY	0.0902, 0.3255, 0.3216
CMYK	0.00, 0.26, 0.25, 0.09
HSL	359°, 57%, 79%
HSV	359°, 26%, 91%
XYZ	55.5741, 49.6780, 46.1949
YIQ	190.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

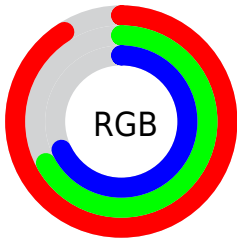
Format	Color
R _Y B	232, 172, 173
Decimal	15248557
CIE Lab	75.87, 22.10, 8.12
CIE LCh	76, 23.548, 20.162
Yxy	49.6780, 0.3670, 0.3280
Android (android.graphics.Color)	4293438637 (0xFFE8ACAD)
YUV	190.0540, -8.4076, 36.7866
Hunter-Lab	70.4826, 17.3990, 10.4787

Details

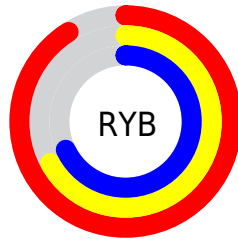
The XYZ color **55.5741, 49.6780, 46.1949** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.2958, 72.2546, 86.3737**, and the grayscale version is **49.0084, 51.5607, 56.1496**.

A 20% lighter version of the original color is **82.9870, 82.3482, 84.9197**, and **27.7272, 23.6881, 21.2000** is the 20% darker color. If you saturate the color by 10%, you get **49.5156, 40.7974, 34.1977**, and if you desaturate by 10%, it is **62.7830, 60.2556, 60.4365**.

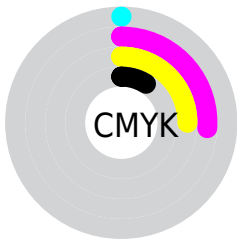
Distribution



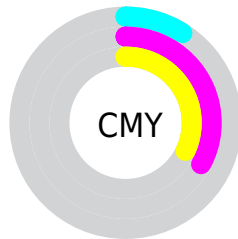
- Red (91%)
- Green (67%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (25%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5741, 49.6780, 46.1949 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 55.5741, 49.6780, 46.1949 by changing the saturation by 10% instead.

■ 55.5741, 49.6780,
46.1949

■ 55.5741, 49.6780,
46.1949

398.1856,
385.4054, 387.8920

■ 40.0972, 35.1576,
32.0499

■ 97.5250, 89.6976,
85.8480

■ 27.7989, 23.7843,
21.1345

124.7298,
115.9656, 112.1931

■ 18.3138, 15.1737,
13.0301

156.5745,
146.9183, 143.4420

■ 11.2766, 8.9414,
7.3183

193.4246,
182.9400, 180.0132

■ 6.3218, 4.7030,
3.5805

235.6454,
224.4152, 222.3252

■ 3.0843, 2.0741,
1.3982

283.6022,

■ 1.1985, 0.6500,

271.7282, 270.7967

0.1403

337.6605,
325.2635, 325.8461

■ 0.1052, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5741, 49.6780,
46.1949

■ 55.5741, 49.6780,
46.1949

■ 49.5156, 40.7974,
34.1977

■ 62.7830, 60.2556,
60.4365

■ 44.5444, 33.5189,
24.3277

■ 71.1934, 72.6046,
77.0255

■ 40.5972, 27.7494,
16.4617

■ 80.8578, 86.8034,
96.0623

■ 37.6029, 23.3828,
10.4625

■ 87.0889, 95.8959,
108.5274

■ 35.4808, 20.2998,
6.1758

■ 34.1375, 18.3609,
3.4227

■ 33.4577, 17.3942,
1.9848

■ 33.3000, 17.1643,
1.6685

Harmonies

Analogous

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



56.0126, 49.6780, 58.3183



55.5741, 49.6780, 46.1949



52.8217, 49.6780, 37.6015

Triad

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



55.5741, 49.6780, 46.1949



41.0404, 49.6780, 40.0620



45.7928, 49.6780, 81.5111

Complementary

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



55.5741, 49.6780, 46.1949



60.2958, 72.2546, 86.3737

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.



42.0243, 49.6780, 74.8092



55.5741, 49.6780, 46.1949



39.3949, 49.6780, 50.0729

Square

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



55.5741, 49.6780, 46.1949



44.3733, 49.6780, 34.4588



39.7435, 49.6780, 62.8390



50.1806, 49.6780, 80.0433

Rectangle

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



55.5741, 49.6780, 46.1949



50.1340, 49.6780, 34.4243



39.7435, 49.6780, 62.8390



44.4162, 49.6780, 80.1039

Sweetspot

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



55.5754, 49.6803, 46.1959



85.8204, 86.4425, 90.7125



62.2744, 52.3225, 83.1613



18.0216, 17.9920, 18.7310



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.



55.5754, 49.6803, 46.1959



64.7175, 55.4758, 49.0288



61.6132, 61.9095, 47.7350



14.3867, 14.3719, 14.9706



18.4913, 9.5307, 0.9501



1.3699, 0.7057, 0.0883

Inverse Universe

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



55.5754, 49.6803, 46.1959



64.7175, 55.4758, 49.0288



52.9367, 57.3108, 84.6163



14.3867, 14.3719, 14.9706



18.4913, 9.5307, 0.9501



1.3699, 0.7057, 0.0883

Previews

White Background



This preview shows how the XYZ color 55.5741, 49.6780, 46.1949 looks on a white background.

Color Contrast Check

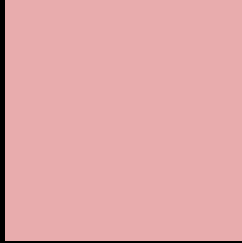
Large Text (above 18pt) WCAG AA × Fail

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 55.5741, 49.6780, 46.1949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

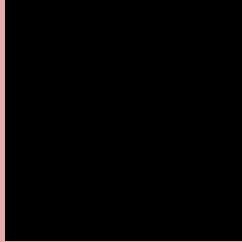
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5741, 49.6780, 46.1949

Background



This preview shows how black text looks on a background with the XYZ color 55.5741, 49.6780, 46.1949.



This preview shows how white text looks on a background with the XYZ color 55.5741, 49.6780,

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

55.5741, 49.6780, 46.1949

Protanopia

47.8490, 50.0833, 50.8612

Deuteranopia

50.7385, 49.8369, 45.4734



Tritanopia

56.5262, 49.4920, 51.3734

Trichromacy



Original Color

55.5741, 49.6780, 46.1949

Protanomaly

50.4960, 49.9356, 49.0966

Deuteranomaly

52.5802, 49.8794, 45.8861

Tritanomaly

56.3039, 49.7041, 49.2741

Monochromacy



Original Color

55.5741, 49.6780, 46.1949

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.7621, 50.3068, 52.3821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5741, 49.6780, 46.1949 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, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 172, 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, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 172, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.5741, 49.6780, 46.1949 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, 172, 173) }
```


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

```
.border{ border-color:rgb(232, 172, 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, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 172,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5741, 49.6780, 46.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 172, 173) }
```

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

```
.background{ background-color: rgb(232,  
172, 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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