

Converting Colors

XYZ(55.7483, 49.9283, 45.7276)

Have a look what the booklet for
XYZ(55.7483, 49.9283, 45.7276)
contains.

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Color

**XYZ(55.9942, 50.1893,
45.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ADAC
RGB	233, 173, 172
RGB Percent	91%, 68%, 67%
CMY	0.0863, 0.3215, 0.3255
CMYK	0.00, 0.26, 0.26, 0.09
HSL	1°, 58%, 79%
HSV	1°, 26%, 91%
XYZ	55.9942, 50.1893, 45.7660
YIQ	190.8260, 36.0810, 12.4090

Conversions

Conversions Part 2

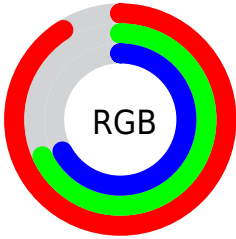
Format	Color
R _Y B	233, 173, 172
Decimal	15314348
CIE Lab	76.19, 21.80, 9.12
CIE LCh	76, 23.634, 22.710
Yxy	50.1893, 0.3685, 0.3303
Android (android.graphics.Color)	4293504428 (0xFFE9ADAC)
YUV	190.8260, -9.2812, 36.9866
Hunter-Lab	70.8444, 17.1056, 11.2893

Details

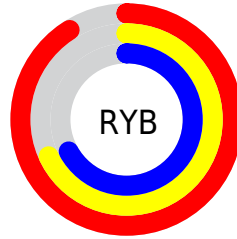
The XYZ color **55.9942, 50.1893, 45.7660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.5770, 72.3648, 87.8661**, and the grayscale version is **49.4590, 52.0347, 56.6658**.

A 20% lighter version of the original color is **83.1244, 82.8447, 84.2825**, and **28.0111, 24.0191, 20.9291** is the 20% darker color. If you saturate the color by 10%, you get **49.9260, 41.3253, 33.6541**, and if you desaturate by 10%, it is **63.2112, 60.7222, 60.1975**.

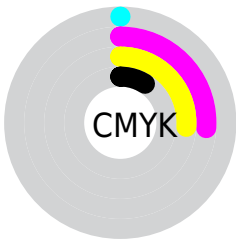
Distribution



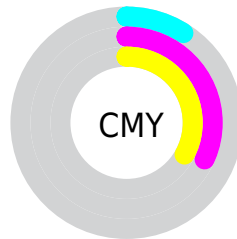
- Red (91%)
- Green (68%)
- Blue (67%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9942, 50.1893, 45.7660 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 55.9942, 50.1893, 45.7660 by changing the saturation by 10% instead.

55.9942, 50.1893,
45.7660

55.9942, 50.1893,
45.7660

399.7450,
387.4058, 386.1173

40.4353, 35.5638,
31.7139

98.1360, 90.4553,
85.1993

28.0638, 24.0975,
20.8800

125.4495,
116.8646, 111.4175

18.5145, 15.4060,
12.8460

157.4119,
147.9706, 142.5282

11.4219, 9.1048,
7.1931

194.3886,
184.1578, 178.9499

6.4207, 4.8096,
3.5029

236.7449,
225.8105, 221.1011

3.1456, 2.1360,
1.3568

284.8462,

1.2312, 0.6848,

273.3132, 269.4004

0.1077

339.0577,
327.0501, 324.2663

■ 0.1308, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9942, 50.1893,
45.7660

■ 55.9942, 50.1893,
45.7660

■ 49.9260, 41.3253,
33.6541

■ 63.2112, 60.7222,
60.1975

■ 44.9435, 34.0381,
23.7379

■ 71.6275, 72.9959,
77.0574

■ 40.9839, 28.2374,
15.8870

■ 81.2957, 87.0869,
96.4514

■ 37.9762, 23.8209,
9.9556

■ 87.4144, 96.0637,
108.5427

■ 35.8406, 20.6734,
5.7791

■ 34.4839, 18.6612,
3.1653

■ 33.7919, 17.6207,
1.8757

■ 33.6460, 17.4070,
1.5865

Harmonies

Analogous

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



56.6546, 50.1893, 57.7996



55.9942, 50.1893, 45.7660



53.0485, 50.1893, 37.4570

Triad

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



55.9942, 50.1893, 45.7660



41.2468, 50.1893, 41.1690



46.6315, 50.1893, 82.5703

Complementary

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



55.9942, 50.1893, 45.7660



60.5770, 72.3648, 87.8661

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.



42.7301, 50.1893, 76.4270



55.9942, 50.1893, 45.7660



39.7485, 50.1893, 51.6124

Square

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



55.9942, 50.1893, 45.7660



44.4921, 50.1893, 35.1034



40.2743, 50.1893, 64.6098



51.0657, 50.1893, 80.3610

Rectangle

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



55.9942, 50.1893, 45.7660



50.2782, 50.1893, 34.5197



40.2743, 50.1893, 64.6098



45.2181, 50.1893, 81.3850

Sweetspot

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



55.9956, 50.1916, 45.7670



85.8676, 86.6150, 90.4873



63.0651, 52.7124, 83.9416



18.0334, 18.0349, 18.6750



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.



55.9956, 50.1916, 45.7670



64.8434, 55.9365, 48.4276



62.2891, 62.7787, 47.8649



15.0854, 15.0937, 15.6370



19.1001, 9.8945, 0.9031



1.5069, 0.7910, 0.0733

Inverse Universe

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



60.5770, 72.3648, 87.8661



71.2893, 87.1365, 107.6694



52.9598, 57.1305, 85.3270



15.4952, 17.0768, 19.4017



24.2797, 35.2063, 49.2588



1.9134, 2.7782, 3.8703

Previews

White Background



This preview shows how the XYZ color 55.9942, 50.1893, 45.7660 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 55.9942, 50.1893, 45.7660 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 55.9942, 50.1893, 45.7660

Background



This preview shows how black text looks on a background with the XYZ color 55.9942, 50.1893, 45.7660.



This preview shows how white text looks on a background with the XYZ color 55.9942, 50.1893,

45.7660.

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

55.9942, 50.1893, 45.7660

Protanopia

48.2567, 50.3053, 50.3465

Deuteranopia

51.2201, 50.0962, 45.0001



Tritanopia

57.1463, 50.0789, 52.0017

Trichromacy



Original Color

55.9942, 50.1893, 45.7660

Protanomaly

50.6762, 50.0401, 48.5828

Deuteranomaly

52.7863, 49.9967, 45.3963

Tritanomaly

56.9224, 50.2928, 49.8874

Monochromacy



Original Color

55.9942, 50.1893, 45.7660

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 55.9942, 50.1893, 45.7660 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, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 173, 172)  
}
```

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, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.9942, 50.1893, 45.7660 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, 173, 172) }
```


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

```
.border{ border-color:rgb(233, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9942, 50.1893, 45.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 173, 172) }
```

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

```
.background{ background-color: rgb(233,  
173, 172) }
```

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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