

Converting Colors

XYZ(53.5572, 46.8616, 48.7751)

Have a look what the booklet for
XYZ(53.5572, 46.8616, 48.7751)
contains.

XYZ(53.7678, 47.0211, 48.8899)	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(53.7678, 47.0211,
48.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A6B3
RGB	228, 166, 179
RGB Percent	89%, 65%, 70%
CMY	0.1059, 0.3490, 0.2980
CMYK	0.00, 0.27, 0.21, 0.11
HSL	347°, 53%, 77%
HSV	347°, 27%, 89%
XYZ	53.7678, 47.0211, 48.8899
YIQ	186.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

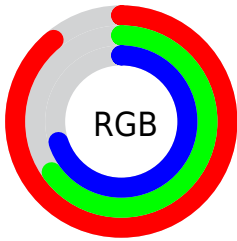
Format	Color
R _Y B	228, 166, 179
Decimal	14984883
CIE Lab	74.20, 24.71, 2.37
CIE LCh	74, 24.828, 5.485
Yxy	47.0211, 0.3592, 0.3141
Android (android.graphics.Color)	4293174963 (0xFFE4A6B3)
YUV	186.0200, -3.4609, 36.8165
Hunter-Lab	68.5719, 19.9624, 5.7282

Details

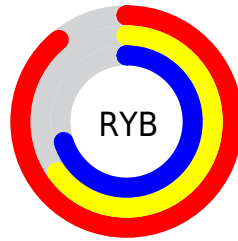
The XYZ color **53.7678, 47.0211, 48.8899** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7370, 68.5012, 74.5778**, and the grayscale version is **46.6904, 49.1219, 53.4937**.

A 20% lighter version of the original color is **82.0918, 78.9711, 89.5135**, and **26.7965, 22.3116, 22.6329** is the 20% darker color. If you saturate the color by 10%, you get **48.2797, 38.7733, 38.6485**, and if you desaturate by 10%, it is **60.2314, 56.8379, 60.6327**.

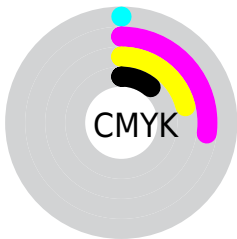
Distribution



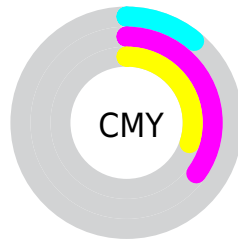
- Red (89%)
- Green (65%)
- Blue (70%)



- Red (89%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7678, 47.0211, 48.8899 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 53.7678, 47.0211, 48.8899 by changing the saturation by 10% instead.


 53.7678, 47.0211,
48.8899


 53.7678, 47.0211,
48.8899


391.4368,
374.8987, 398.9187

 38.6460, 33.0523,
34.1672


 94.8921, 85.7451,
89.9072

 26.6639, 22.1665,
22.7436


 121.6253,
111.2692, 117.0389

 17.4563, 13.9793,
14.2008


152.9597,
141.4138, 149.1439

 10.6576, 8.1063,
8.1201

189.2606,
176.5633, 186.6408

 5.9027, 4.1630,
4.0830

230.8935,
217.1022, 229.9483

 2.8261, 1.7652,
1.6710

278.2235,

 1.0625, 0.4653,

263.4148, 279.4847

0.3408

331.6162,
315.8855, 335.6687

■ 0.0000, 0.0000,
0.0000

■ 53.7678, 47.0211,
48.8899

■ 53.7678, 47.0211,
48.8899

■ 48.2797, 38.7733,
38.6485

■ 60.2314, 56.8379,
60.6327

■ 43.7153, 32.0067,
29.8445

■ 67.7113, 68.2926,
73.9316

■ 40.0237, 26.6349,
22.4132

■ 76.2506, 81.4578,
88.8422

■ 37.1475, 22.5597,
16.2840

■ 85.1809, 94.9844,
105.1804

■ 35.0222, 19.6701,
11.3795

■ 85.8051, 95.2341,
108.4673

■ 33.5729, 17.8362,
7.6138

■ 32.7039, 16.8888,
4.8870

■ 32.5243, 16.7058,
4.2843

Harmonies

Analogous

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



52.9433, 47.0211, 62.0610



53.7678, 47.0211, 48.8899



52.0324, 47.0211, 38.2427

Triad

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



53.7678, 47.0211, 48.8899



39.9042, 47.0211, 33.7151



41.2329, 47.0211, 76.9048

Complementary

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



53.7678, 47.0211, 48.8899



55.7370, 68.5012, 74.5778

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.



38.0769, 47.0211, 66.7913



53.7678, 47.0211, 48.8899



37.3461, 47.0211, 41.6829

Square

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



53.7678, 47.0211, 48.8899



43.8788, 47.0211, 30.4635



36.6999, 47.0211, 53.5776



45.5155, 47.0211, 79.6897

Rectangle

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



53.7678, 47.0211, 48.8899



49.7210, 47.0211, 33.5352



36.6999, 47.0211, 53.5776



40.0143, 47.0211, 74.1760

Sweetspot

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



53.7691, 47.0233, 48.8909



86.3956, 86.6725, 93.7415



55.5386, 47.2578, 79.5936



18.1651, 18.0494, 19.4867



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.



53.7691, 47.0233, 48.8909



64.9046, 53.9812, 54.8527



55.9300, 53.3504, 43.4290



14.5000, 14.4172, 15.5673



18.8156, 9.6604, 2.6578



1.4239, 0.7273, 0.3726

Inverse Universe

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



53.7691, 47.0233, 48.8909



64.9046, 53.9812, 54.8527



52.8849, 60.0175, 82.1963



14.5000, 14.4172, 15.5673



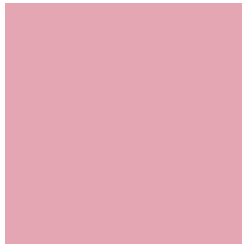
18.8156, 9.6604, 2.6578



1.4239, 0.7273, 0.3726

Previews

White Background



This preview shows how the XYZ color 53.7678, 47.0211, 48.8899 looks on a white background.

Color Contrast Check

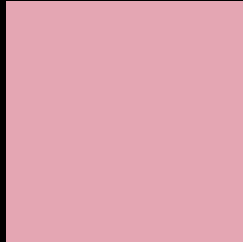
Large Text (above 18pt) WCAG AA × Fail

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 53.7678, 47.0211, 48.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

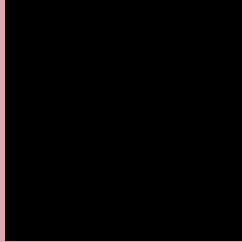
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7678, 47.0211, 48.8899

Background



This preview shows how black text looks on a background with the XYZ color 53.7678, 47.0211, 48.8899.



This preview shows how white text looks on a background with the XYZ color 53.7678, 47.0211,

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

53.7678, 47.0211, 48.8899

Protanopia

45.5722, 47.2771, 54.3004

Deuteranopia

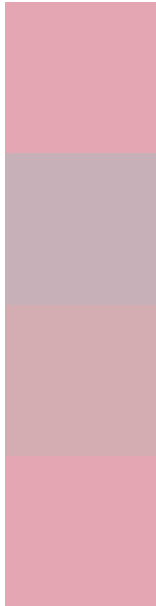
48.2866, 47.3151, 48.1827



Tritanopia

53.7678, 47.0211, 48.8899

Trichromacy



Original Color

53.7678, 47.0211, 48.8899

Protanomaly

48.1017, 46.8328, 52.4033

Deuteranomaly

50.1308, 47.0985, 48.5682

Tritanomaly

53.7678, 47.0211, 48.8899

Monochromacy



Original Color

53.7678, 47.0211, 48.8899

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.7547, 48.0766, 51.5098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7678, 47.0211, 48.8899 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(228, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(228, 166, 179)  
}
```

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(228, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 166, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.7678, 47.0211, 48.8899 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(228, 166, 179) }
```


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

```
.border{ border-color:rgb(228, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 166, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 166, 179); box-shadow:4px 4px 4px 4px rgb(228, 166, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7678, 47.0211, 48.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 166, 179) }
```

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

```
.background{ background-color: rgb(228,  
166, 179) }
```

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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