

Converting Colors

XYZ(53.4908, 48.7260, 58.6300)

Have a look what the booklet for
XYZ(53.4908, 48.7260, 58.6300)
contains.

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Color

**XYZ(53.5226, 48.6244,
58.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ADC4
RGB	217, 173, 196
RGB Percent	85%, 68%, 77%
CMY	0.1490, 0.3215, 0.2314
CMYK	0.00, 0.20, 0.10, 0.15
HSL	329°, 37%, 76%
HSV	329°, 20%, 85%
XYZ	53.5226, 48.6244, 58.7890
YIQ	188.7780, 18.8410, 16.4810

Conversions

Conversions Part 2

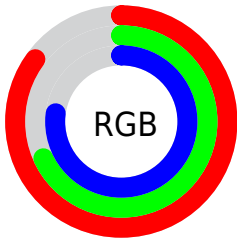
Format	Color
R _Y B	217, 173, 196
Decimal	14265796
CIE Lab	75.22, 19.71, -5.59
CIE LCh	75, 20.491, 344.178
Yxy	48.6244, 0.3326, 0.3021
Android (android.graphics.Color)	4292455876 (0xFFD9ADC4)
YUV	188.7780, 3.5604, 24.7507
Hunter-Lab	69.7312, 14.9792, -1.1744

Details

The XYZ color **53.5226, 48.6244, 58.7890** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7860, 62.4062, 60.3581**, and the grayscale version is **48.2169, 50.7279, 55.2427**.

A 20% lighter version of the original color is **86.9889, 84.3905, 104.6327**, and **26.4992, 23.0673, 28.6470** is the 20% darker color. If you saturate the color by 10%, you get **48.5563, 40.5134, 51.5165**, and if you desaturate by 10%, it is **59.2489, 58.1238, 66.7176**.

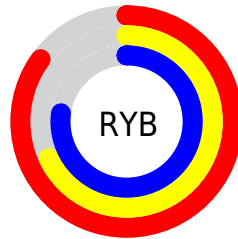
Distribution



Red (85%)

Green (68%)

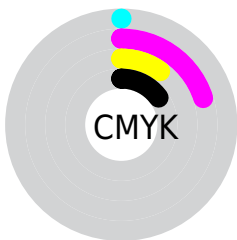
Blue (77%)



Red (85%)

Yellow (68%)

Blue (77%)

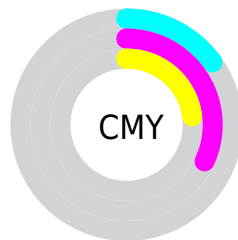


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (32%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5226, 48.6244, 58.7890 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 53.5226, 48.6244, 58.7890 by changing the saturation by 10% instead.


 53.5226, 48.6244,
58.7890

 53.5226, 48.6244,
58.7890


390.5150,
381.2618, 437.7996

 38.4493, 34.3216,
42.0244

 94.5339, 88.1333,
104.5970

 26.5104, 23.1408,
28.7947

121.2027,
114.1083, 134.4776

 17.3405, 14.6975,
18.6813


152.4672,
144.7428, 169.5671

 10.5744, 8.6074,
11.2658

188.6930,
180.4212, 210.2843

 5.8466, 4.4860,
6.1295

230.2453,
221.5279, 257.0476

 2.7918, 1.9490,
2.8539

277.4895,

 1.0446, 0.5776,

268.4473, 310.2755

1.0205

330.7909,
321.5638, 370.3867

■ 0.0000, 0.0000,
0.0000

■ 53.5226, 48.6244,
58.7890

■ 53.5226, 48.6244,
58.7890

■ 48.5563, 40.5134,
51.5165

■ 59.2489, 58.1238,
66.7176

■ 44.3116, 33.7186,
44.8775

■ 65.7629, 69.0666,
75.3176

■ 40.7530, 28.1709,
38.8524

■ 73.0962, 81.5125,
84.6078

■ 37.8400, 23.7923,
33.4193

■ 79.7248, 92.4115,
94.0875

■ 35.5278, 20.4959,
28.5543

■ 81.2862, 93.0361,
102.3097

■ 33.7652, 18.1826,
24.2310

■ 82.4255, 93.4918,
108.3092

■ 32.4919, 16.7345,
20.4199

■ 31.6200, 15.9536,
17.1607

Harmonies

Analogous

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



51.4368, 48.6244, 69.2155



53.5226, 48.6244, 58.7890



53.5818, 48.6244, 48.0351

Triad

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



53.5226, 48.6244, 58.7890



44.4687, 48.6244, 35.3074



41.2250, 48.6244, 68.7145

Complementary

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



53.5226, 48.6244, 58.7890



51.7860, 62.4062, 60.3581

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.



39.5582, 48.6244, 58.1759



53.5226, 48.6244, 58.7890



41.3611, 48.6244, 39.4456

Square

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



53.5226, 48.6244, 58.7890



48.2144, 48.6244, 35.4249



39.6067, 48.6244, 47.4993



44.2737, 48.6244, 75.4543

Rectangle

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



53.5226, 48.6244, 58.7890



52.4555, 48.6244, 42.1485



39.6067, 48.6244, 47.4993



40.4921, 48.6244, 65.4407

Sweetspot

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



53.5240, 48.6266, 58.7900



89.2081, 90.1622, 101.2620



49.5984, 46.3071, 71.9702



18.9636, 19.0793, 21.5009



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.



53.5240, 48.6266, 58.7900



74.1857, 65.2340, 80.4807



51.2462, 47.7154, 46.7950



13.3389, 13.1647, 15.0458



19.1947, 9.6789, 10.6714



1.2870, 0.6444, 0.9202

Inverse Universe

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



53.5240, 48.6266, 58.7900



74.1857, 65.2340, 80.4807



54.3823, 63.4447, 74.0303



13.3389, 13.1647, 15.0458



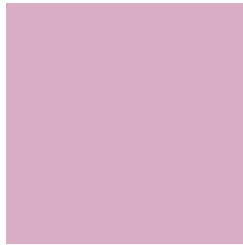
19.1947, 9.6789, 10.6714



1.2870, 0.6444, 0.9202

Previews

White Background



This preview shows how the XYZ color 53.5226, 48.6244, 58.7890 looks on a white background.

Color Contrast Check

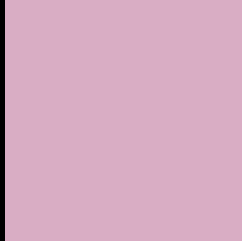
Large Text (above 18pt) WCAG AA × Fail

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 53.5226, 48.6244, 58.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

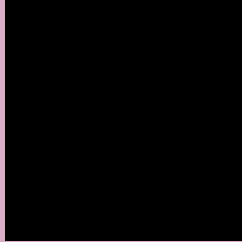
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5226, 48.6244, 58.7890

Background



This preview shows how black text looks on a background with the XYZ color 53.5226, 48.6244, 58.7890.



This preview shows how white text looks on a background with the XYZ color 53.5226, 48.6244,

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

53.5226, 48.6244, 58.7890

Protanopia

47.6871, 48.7831, 63.4026

Deuteranopia

49.7248, 48.7248, 58.4138



Tritanopia

52.5321, 48.5019, 54.1700

Trichromacy



Original Color

53.5226, 48.6244, 58.7890

Protanomaly

49.5115, 48.5484, 61.4048

Deuteranomaly

51.0261, 48.5062, 58.3030

Tritanomaly

52.8589, 48.6326, 55.8913

Monochromacy



Original Color

53.5226, 48.6244, 58.7890

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.0011, 49.8149, 56.8491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5226, 48.6244, 58.7890 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(217, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 196)  
}
```

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(217, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.5226, 48.6244, 58.7890 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(217, 173, 196) }
```


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

```
.border{ border-color:rgb(217, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5226, 48.6244, 58.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 196) }
```

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

```
.background{ background-color: rgb(217,  
173, 196) }
```

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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