

Converting Colors

XYZ(54.3720, 49.8872, 58.6682)

Have a look what the booklet for
XYZ(54.3720, 49.8872, 58.6682)
contains.

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Color

**XYZ(54.2891, 49.8962,
58.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB0C3
RGB	218, 176, 195
RGB Percent	85%, 69%, 76%
CMY	0.1451, 0.3098, 0.2353
CMYK	0.00, 0.19, 0.11, 0.15
HSL	333°, 36%, 77%
HSV	333°, 19%, 85%
XYZ	54.2891, 49.8962, 58.3993
YIQ	190.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

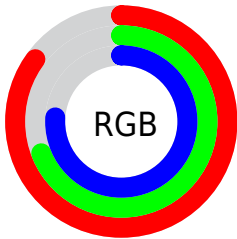
Format	Color
R _Y B	218, 176, 195
Decimal	14332099
CIE Lab	76.01, 18.28, -3.87
CIE LCh	76, 18.683, 348.054
Yxy	49.8962, 0.3339, 0.3069
Android (android.graphics.Color)	4292522179 (0xFFDAB0C3)
YUV	190.7240, 2.1081, 23.9211
Hunter-Lab	70.6372, 13.5731, 0.4281

Details

The XYZ color **54.2891, 49.8962, 58.3993** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2867, 63.4978, 63.4837**, and the grayscale version is **49.3431, 51.9128, 56.5330**.

A 20% lighter version of the original color is **87.6673, 86.0015, 104.0748**, and **26.9949, 23.8755, 28.3850** is the 20% darker color. If you saturate the color by 10%, you get **49.0569, 41.5060, 50.2594**, and if you desaturate by 10%, it is **60.3185, 59.7068, 67.3387**.

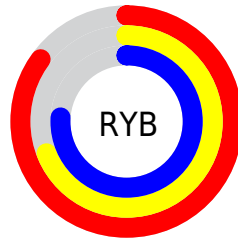
Distribution



Red (85%)

Green (69%)

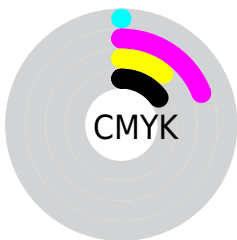
Blue (76%)



Red (85%)

Yellow (69%)

Blue (76%)

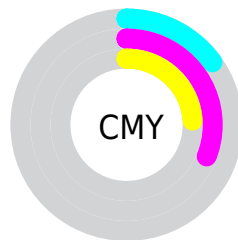


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2891, 49.8962, 58.3993 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 54.2891, 49.8962, 58.3993 by changing the saturation by 10% instead.


 54.2891, 49.8962,
58.3993

 54.2891, 49.8962,
58.3993


393.3919,
386.2599, 436.3119

 39.0644, 35.3309,
41.7129

 95.6530, 90.0211,
104.0246

 26.9908, 23.9179,
28.5527


122.5229,
116.3494, 133.8006

 17.7029, 15.2727,
18.5000


154.0054,
147.3677, 168.7770

 10.8353, 9.0110,
11.1364

190.4656,
183.4601, 209.3721

 6.0226, 4.7484,
6.0434

232.2690,
225.0111, 256.0046

 2.8996, 2.1004,
2.8022

279.7809,

 1.1009, 0.6648,

272.4052, 309.0931

0.9946

333.3668,
326.0266, 369.0560

■ 0.0259, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2891, 49.8962,
58.3993

■ 54.2891, 49.8962,
58.3993

■ 49.0569, 41.5060,
50.2594

■ 60.3185, 59.7068,
67.3387

■ 44.5824, 34.4631,
42.8917

■ 67.1738, 70.9932,
77.0974

■ 40.8291, 28.6980,
36.2717

■ 74.8874, 83.8157,
87.6983

■ 37.7555, 24.1321,
30.3723

■ 80.8149, 92.8820,
98.2713

■ 35.3158, 20.6783,
25.1643

■ 82.6751, 93.6261,
108.0668

■ 33.4580, 18.2372,
20.6158

■ 82.7237, 93.6456,
108.3231

■ 32.1210, 16.6917,
16.6911

■ 31.2067, 15.8506,
13.3415

■ 31.1472, 15.7990,
13.1143

Harmonies

Analogous

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



52.5868, 49.8962, 68.1959



54.2891, 49.8962, 58.3993



54.0871, 49.8962, 48.5939

Triad

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



54.2891, 49.8962, 58.3993



45.3778, 49.8962, 38.0454



43.0843, 49.8962, 69.8929

Complementary

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



54.2891, 49.8962, 58.3993



53.2867, 63.4978, 63.4837

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.



41.3335, 49.8962, 60.4973



54.2891, 49.8962, 58.3993



42.6123, 49.8962, 42.4813

Square

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



54.2891, 49.8962, 58.3993



48.8257, 49.8962, 37.6294



41.1650, 49.8962, 50.4514



46.0510, 49.8962, 75.3554

Rectangle

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



54.2891, 49.8962, 58.3993



52.9008, 49.8962, 43.3344



41.1650, 49.8962, 50.4514



42.3404, 49.8962, 67.0406

Sweetspot

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



54.2905, 49.8984, 58.4004



89.0418, 90.0957, 100.3863



51.5764, 48.1753, 72.9108



18.9243, 19.0636, 21.2940



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.



54.2905, 49.8984, 58.4004



74.3620, 66.2191, 78.5889



52.5530, 49.6449, 47.8895



13.2997, 13.1490, 14.8393



18.7129, 9.4862, 8.1343



1.2554, 0.6318, 0.7537

Inverse Universe

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



54.2905, 49.8984, 58.4004



74.3620, 66.2191, 78.5889



55.2708, 63.7130, 75.7151



13.2997, 13.1490, 14.8393



18.7129, 9.4862, 8.1343



1.2554, 0.6318, 0.7537

Previews

White Background



This preview shows how the XYZ color 54.2891, 49.8962, 58.3993 looks on a white background.

Color Contrast Check

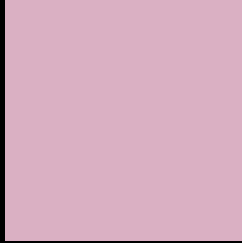
Large Text (above 18pt) WCAG AA × Fail

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 54.2891, 49.8962, 58.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

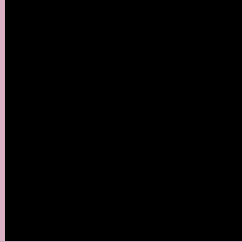
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2891, 49.8962, 58.3993

Background



This preview shows how black text looks on a background with the XYZ color 54.2891, 49.8962, 58.3993.



This preview shows how white text looks on a background with the XYZ color 54.2891, 49.8962,

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

54.2891, 49.8962, 58.3993

Protanopia

48.5950, 49.8997, 62.3287

Deuteranopia

51.0942, 50.0474, 58.0061



Tritanopia

53.6317, 49.9137, 55.5228

Trichromacy



Original Color

54.2891, 49.8962, 58.3993

Protanomaly

50.3255, 49.5852, 60.9513

Deuteranomaly

52.0713, 49.9475, 57.9353

Tritanomaly

53.8518, 50.0018, 56.6822

Monochromacy



Original Color

54.2891, 49.8962, 58.3993

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1607, 51.3411, 57.0825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2891, 49.8962, 58.3993 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(218, 176, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 176, 195)  
}
```

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(218, 176, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 176, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.2891, 49.8962, 58.3993 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(218, 176, 195) }
```


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

```
.border{ border-color:rgb(218, 176, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 176, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 176, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 176, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 176,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2891, 49.8962, 58.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 176, 195) }
```

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

```
.background{ background-color: rgb(218,  
176, 195) }
```

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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