

Converting Colors

XYZ(48.1943, 49.3032, 53.2799)

Have a look what the booklet for
XYZ(48.1943, 49.3032, 53.2799)
contains.

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Color

**XYZ(48.2516, 49.2955,
53.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B8BA
RGB	194, 184, 186
RGB Percent	76%, 72%, 73%
CMY	0.2392, 0.2784, 0.2706
CMYK	0.00, 0.05, 0.04, 0.24
HSL	348°, 8%, 74%
HSV	348°, 5%, 76%
XYZ	48.2516, 49.2955, 53.4262
YIQ	187.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

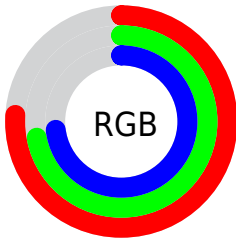
Format	Color
RYB	194, 184, 186
Decimal	12761274
CIELab	75.63, 3.89, 0.24
CIELCh	76, 3.897, 3.589
Yxy	49.2955, 0.3196, 0.3265
Android (android.graphics.Color)	4290951354 (0xFFC2B8BA)
YUV	187.2180, -0.6005, 5.9478
Hunter-Lab	70.2108, -0.1966, 4.0314

Details

The XYZ color **48.2516, 49.2955, 53.4262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5753, 52.5811, 57.4609**, and the grayscale version is **47.3595, 49.8259, 54.2604**.

A 20% lighter version of the original color is **86.6114, 89.0550, 96.6288**, and **23.1652, 23.5015, 25.5056** is the 20% darker color. If you saturate the color by 10%, you get **42.9332, 41.1576, 43.9481**, and if you desaturate by 10%, it is **54.3048, 58.6147, 64.0353**.

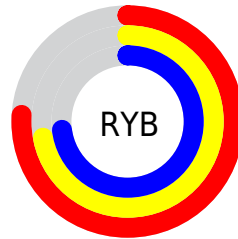
Distribution



Red (76%)

Green (72%)

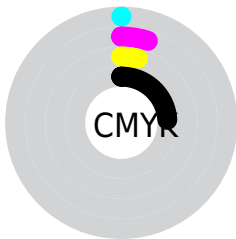
Blue (73%)



Red (76%)

Yellow (72%)

Blue (73%)

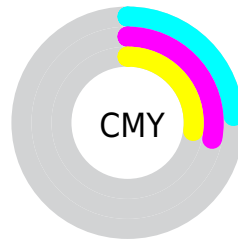


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2516, 49.2955, 53.4262 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 48.2516, 49.2955, 53.4262 by changing the saturation by 10% instead.

■ 48.2516, 49.2955,
53.4262

■ 48.2516, 49.2955,
53.4262

370.3546,
383.9045, 417.0307

■ 34.2383, 34.8539,
37.7531

■ 86.7863, 89.1302,
96.6791

■ 23.2404, 23.5504,
25.4907

112.0384,
115.2921, 125.0960

■ 14.8928, 15.0004,
16.2207

141.7675,
146.1296, 158.5978

■ 8.8300, 8.8197,
9.5244

176.3388,
182.0270, 197.6032

■ 4.6867, 4.6238,
4.9833

216.1179,
223.3689, 242.5306

■ 2.0975, 2.0282,
2.1789

261.4699,

■ 0.6878, 0.6238,

270.5395, 293.7987

0.6622

312.7604,
323.9232, 351.8258

■ 0.0000, 0.0000,
0.0000

■ 48.2516, 49.2955,
53.4262

■ 48.2516, 49.2955,
53.4262

■ 42.9332, 41.1576,
43.9481

■ 54.3048, 58.6147,
64.0353

■ 38.3174, 34.1477,
35.5602

■ 61.1152, 69.1531,
75.8079

■ 34.3757, 28.2177,
28.2240

■ 68.7093, 80.9550,
88.7792

■ 31.0760, 23.3138,
21.8977

■ 74.9677, 89.7732,
102.2673

■ 28.3837, 19.3772,
16.5362

■ 76.0585, 90.2095,
108.0112

■ 26.2608, 16.3436,
12.0914

■ 24.6648, 14.1405,
8.5106

■ 23.5470, 12.6842,
5.7357

■ 22.8491, 11.8731,
3.7005

Harmonies

Analogous

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



48.1069, 49.2955, 55.4605



48.2516, 49.2955, 53.4262



48.0186, 49.2955, 51.5071

Triad

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



48.2516, 49.2955, 53.4262



46.0909, 49.2955, 50.4335



46.2398, 49.2955, 57.3106

Complementary

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



48.2516, 49.2955, 53.4262



48.5753, 52.5811, 57.4609

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.



45.7082, 49.2955, 55.9017



48.2516, 49.2955, 53.4262



45.6228, 49.2955, 51.9271

Square

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



48.2516, 49.2955, 53.4262



46.7671, 49.2955, 49.8074



45.4834, 49.2955, 53.9234



46.9408, 49.2955, 57.7366

Rectangle

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



48.2516, 49.2955, 53.4262



47.6819, 49.2955, 50.5412



45.4834, 49.2955, 53.9234



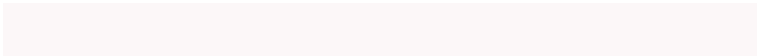
46.0356, 49.2955, 56.9345

Sweetspot

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



48.2530, 49.2976, 53.4273



90.6985, 94.3494, 102.5713



48.6179, 49.3847, 58.0095



19.8854, 20.6975, 22.5032



0.0000, 0.0000, 0.0000



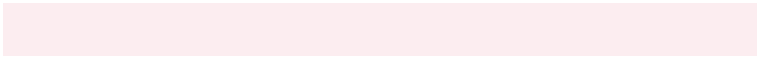
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.2530, 49.2976, 53.4273



86.4570, 87.8343, 95.0909



48.6718, 50.4726, 52.5269



10.4939, 10.6315, 11.5036



14.8894, 7.6455, 2.0636



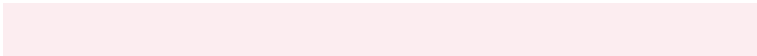
0.6683, 0.3403, 0.2206

Inverse Universe

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



48.2530, 49.2976, 53.4273



86.4570, 87.8343, 95.0909



48.1373, 51.3486, 58.4139



10.4939, 10.6315, 11.5036



14.8894, 7.6455, 2.0636



0.6683, 0.3403, 0.2206

Previews

White Background



This preview shows how the XYZ color 48.2516, 49.2955, 53.4262 looks on a white background.

Color Contrast Check

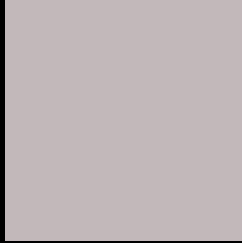
Large Text (above 18pt) WCAG AA × Fail

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 48.2516, 49.2955, 53.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

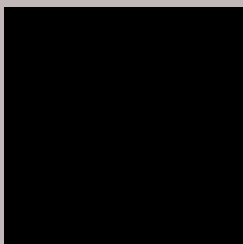
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

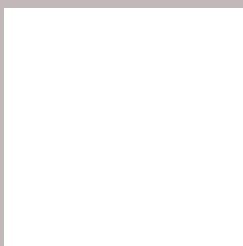
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2516, 49.2955, 53.4262

Background



This preview shows how black text looks on a background with the XYZ color 48.2516, 49.2955, 53.4262.



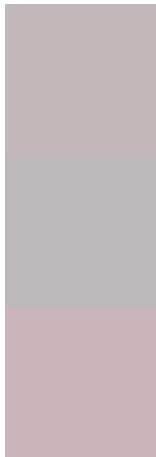
This preview shows how white text looks on a background with the XYZ color 48.2516, 49.2955,

53.4262.

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

48.2516, 49.2955, 53.4262

Protanopia

47.3049, 49.1046, 53.9986

Deuteranopia

50.1927, 49.0677, 53.8393



Tritanopia

49.5709, 49.2229, 59.7116

Trichromacy



Original Color

48.2516, 49.2955, 53.4262

Protanomaly

47.8045, 49.3621, 54.0220

Deuteranomaly

49.3129, 48.9150, 53.8562

Tritanomaly

49.0648, 49.3193, 57.3857

Monochromacy



Original Color

48.2516, 49.2955, 53.4262

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.7638, 49.6528, 54.0802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2516, 49.2955, 53.4262 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(194, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 186)  
}
```

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(194, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 186) }
```

Border

The CSS property to change the border of an element to XYZ 48.2516, 49.2955, 53.4262 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(194, 184, 186) }
```


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

```
.border{ border-color:rgb(194, 184, 186) }
```

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

Here you see how a box with a 4 pixel rgb(194, 184, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2516, 49.2955, 53.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 186) }
```

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

```
.background{ background-color: rgb(194,  
184, 186) }
```

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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