

Converting Colors

XYZ(48.1502, 49.6796, 54.5643)

Have a look what the booklet for
XYZ(48.1502, 49.6796, 54.5643)
contains.

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Color

**XYZ(48.1643, 49.5352,
54.5997)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9BC
RGB	192, 185, 188
RGB Percent	75%, 73%, 74%
CMY	0.2471, 0.2745, 0.2627
CMYK	0.00, 0.04, 0.02, 0.25
HSL	334°, 5%, 74%
HSV	334°, 4%, 75%
XYZ	48.1643, 49.5352, 54.5997
YIQ	187.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

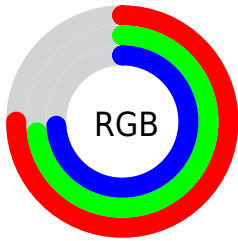
Format	Color
R _Y B	192, 185, 188
Decimal	12630460
CIE Lab	75.78, 3.01, -0.65
CIE LCh	76, 3.078, 347.866
Yxy	49.5352, 0.3162, 0.3252
Android (android.graphics.Color)	4290820540 (0xFFC0B9BC)
YUV	187.4350, 0.2785, 4.0035
Hunter-Lab	70.3812, -1.0135, 3.2714

Details

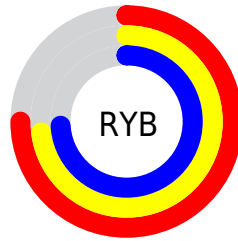
The XYZ color **48.1643, 49.5352, 54.5997** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0444, 51.6890, 55.5914**, and the grayscale version is **47.4781, 49.9507, 54.3963**.

A 20% lighter version of the original color is **86.4958, 89.3987, 98.2848**, and **23.2719, 23.7408, 26.2775** is the 20% darker color. If you saturate the color by 10%, you get **43.2775, 41.5833, 47.3534**, and if you desaturate by 10%, it is **53.6863, 58.6122, 62.5030**.

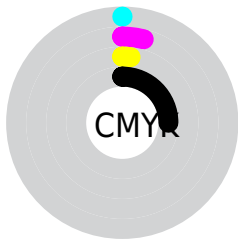
Distribution



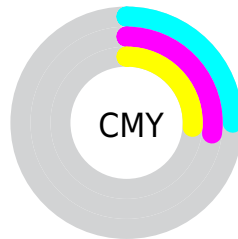
- Red (75%)
- Green (73%)
- Blue (74%)



- Red (75%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1643, 49.5352, 54.5997 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 48.1643, 49.5352, 54.5997 by changing the saturation by 10% instead.

■ 48.1643, 49.5352,
54.5997

■ 48.1643, 49.5352,
54.5997

370.0148,
384.8455, 421.6318

■ 34.1688, 35.0442,
38.6849

■ 86.6572, 89.4858,
98.4195

■ 23.1868, 23.6969,
26.2087

111.8853,
115.7143, 127.1615

■ 14.8530, 15.1090,
16.7527

141.5883,
146.6240, 161.0164

■ 8.8019, 8.8959,
9.8982

176.1317,
182.5994, 200.4026

■ 4.6683, 4.6733,
5.2268

215.8806,
224.0248, 245.7387

■ 2.0867, 2.0569,
2.3199

261.2005,

■ 0.6820, 0.6402,

271.2847, 297.4432

0.7423

312.4568,
324.7635, 355.9348

■ 0.0000, 0.0000,
0.0000

■ 48.1643, 49.5352,
54.5997

■ 48.1643, 49.5352,
54.5997

■ 43.2775, 41.5833,
47.3534

■ 53.6863, 58.6122,
62.5030

■ 38.9982, 34.7062,
40.7433

■ 59.8616, 68.8494,
71.0770

■ 35.3027, 28.8590,
34.7518

■ 66.7129, 80.2883,
80.3391

■ 32.1640, 23.9914,
29.3596

■ 72.0508, 88.5475,
89.5685

■ 29.5532, 20.0488,
24.5458

■ 73.6586, 89.1906,
98.0349

■ 27.4382, 16.9711,
20.2885

■ 75.3655, 89.8734,
107.0232

■ 25.7836, 14.6912,
16.5638

■ 75.5486, 89.9466,
107.9873

■ 24.5486, 13.1316,
13.3458

■ 23.6847, 12.1994,
10.6048

Harmonies

Analogous

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



47.9014, 49.5352, 56.0745



48.1643, 49.5352, 54.5997



48.1354, 49.5352, 52.9756

Triad

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



48.1643, 49.5352, 54.5997



46.7454, 49.5352, 50.9950



46.3483, 49.5352, 56.3032

Complementary

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



48.1643, 49.5352, 54.5997



48.0444, 51.6890, 55.5914

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.



46.0435, 49.5352, 54.9067



48.1643, 49.5352, 54.5997



46.2715, 49.5352, 51.8514

Square

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



48.1643, 49.5352, 54.5997



47.3131, 49.5352, 50.9166



46.0155, 49.5352, 53.2765



46.8511, 49.5352, 57.0713

Rectangle

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



48.1643, 49.5352, 54.5997



47.9546, 49.5352, 52.0266



46.0155, 49.5352, 53.2765



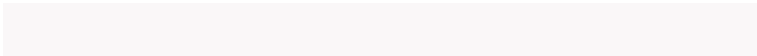
46.2195, 49.5352, 55.8904

Sweetspot

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



48.1657, 49.5373, 54.6008



89.7886, 93.8792, 102.5790



47.8431, 49.3205, 56.8681



19.2733, 20.1578, 22.0220



92.9021, 97.7402, 106.4391



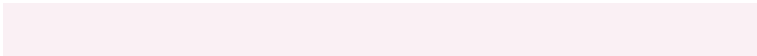
19.4759, 20.4902, 22.3138

Same Dimension

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



48.1657, 49.5373, 54.6008



86.8777, 89.1121, 98.3571



47.9436, 49.6049, 52.9492



10.7773, 11.0102, 12.1775



15.6958, 7.9681, 6.3100



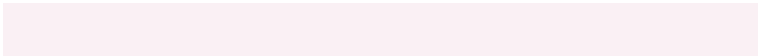
0.7126, 0.3581, 0.4541

Inverse Universe

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



48.1657, 49.5373, 54.6008



86.8777, 89.1121, 98.3571



48.2709, 51.6160, 57.2887



10.7773, 11.0102, 12.1775



15.6958, 7.9681, 6.3100



0.7126, 0.3581, 0.4541

Previews

White Background



This preview shows how the XYZ color 48.1643, 49.5352, 54.5997 looks on a white background.

Color Contrast Check

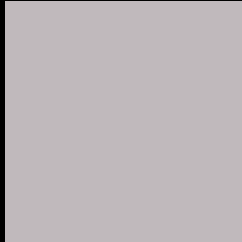
Large Text (above 18pt) WCAG AA × Fail

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 48.1643, 49.5352, 54.5997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

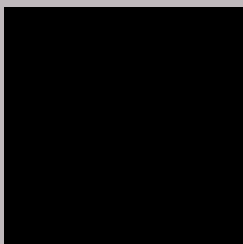
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

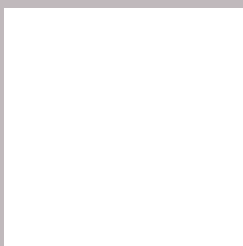
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1643, 49.5352, 54.5997

Background



This preview shows how black text looks on a background with the XYZ color 48.1643, 49.5352, 54.5997.

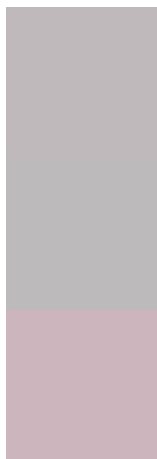


This preview shows how white text looks on a background with the XYZ color 48.1643, 49.5352,

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

48.1643, 49.5352, 54.5997

Protanopia

47.6223, 49.5675, 54.6345

Deuteranopia

50.6110, 49.5592, 55.0425



Tritanopia

49.1188, 49.2816, 60.3495

Trichromacy



Original Color

48.1643, 49.5352, 54.5997

Protanomaly

47.8712, 49.6958, 54.6461

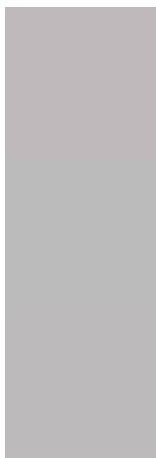
Deuteranomaly

49.7327, 49.4094, 55.0599

Tritanomaly

48.8704, 49.5135, 58.0202

Monochromacy



Original Color

48.1643, 49.5352, 54.5997

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5148, 49.5245, 54.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1643, 49.5352, 54.5997 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(192, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 188)  
}
```

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(192, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 188) }
```

Border

The CSS property to change the border of an element to XYZ 48.1643, 49.5352, 54.5997 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(192, 185, 188) }
```


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

```
.border{ border-color:rgb(192, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1643, 49.5352, 54.5997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 188) }
```

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

```
.background{ background-color: rgb(192,  
185, 188) }
```

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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