

Converting Colors

XYZ(48.9004, 51.8979, 44.5763)

Have a look what the booklet for
XYZ(48.9004, 51.8979, 44.5763)
contains.

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Color

**XYZ(48.9874, 52.0945,
44.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BFA8
RGB	198, 191, 168
RGB Percent	78%, 75%, 66%
CMY	0.2235, 0.2510, 0.3412
CMYK	0.00, 0.04, 0.15, 0.22
HSL	46°, 21%, 72%
HSV	46°, 15%, 78%
XYZ	48.9874, 52.0945, 44.5191
YIQ	190.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

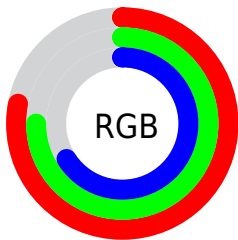
Format	Color
RYB	177, 198, 168
Decimal	13025192
CIELab	77.34, -1.43, 12.48
CIELCh	77, 12.566, 96.544
Yxy	52.0945, 0.3364, 0.3578
Android (android.graphics.Color)	4291215272 (0xFFC6BFA8)
YUV	190.4710, -11.0782, 6.6029
Hunter-Lab	72.1765, -5.1580, 13.9530

Details

The XYZ color **48.9874, 52.0945, 44.5191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6714, 43.0612, 59.5419**, and the grayscale version is **49.2736, 51.8397, 56.4534**.

A 20% lighter version of the original color is **87.8200, 93.1092, 83.1553**, and **23.7425, 25.3672, 20.1680** is the 20% darker color. If you saturate the color by 10%, you get **46.2908, 49.4316, 35.2021**, and if you desaturate by 10%, it is **51.9995, 54.9378, 55.3283**.

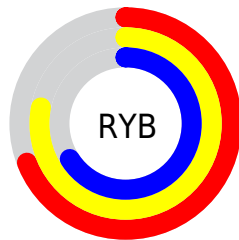
Distribution



Red (78%)

Green (75%)

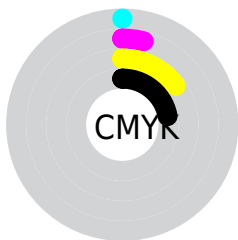
Blue (66%)



Red (69%)

Yellow (78%)

Blue (66%)

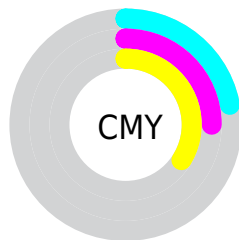


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9874, 52.0945, 44.5191 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 48.9874, 52.0945, 44.5191 by changing the saturation by 10% instead.


 48.9874, 52.0945,
44.5191


 48.9874, 52.0945,
44.5191

373.2105,
394.8013, 380.9256

 34.8240, 37.0804,
30.7386


 87.8736, 93.2706,
83.3091

 23.6932, 25.2698,
20.1431


 113.3270,
120.2014, 109.1557

 15.2297, 16.2781,
12.3140


143.2746,
151.8732, 139.8614

 9.0681, 9.7212,
6.8328

178.0815,
188.6704, 175.8447

 4.8431, 5.2145,
3.2809

218.1132,
230.9774, 217.5243

 2.1893, 2.3737,
1.2398

263.7350,

 0.7371, 0.8123,

279.1787, 265.3186

0.0117

315.3123,
333.6585, 319.6462

■ 0.0000, 0.0000,
0.0000

■ 48.9874, 52.0945,
44.5191

■ 48.9874, 52.0945,
44.5191

■ 46.2908, 49.4316,
35.2021

■ 51.9995, 54.9378,
55.3283

■ 43.8925, 46.9367,
27.3071

■ 55.3350, 57.9601,
67.6888

■ 41.7801, 44.6060,
20.7635

■ 59.0068, 61.1685,
81.6608

■ 39.9383, 42.4329,
15.4929

■ 63.0257, 64.5680,
97.3001

■ 38.3505, 40.4104,
11.4091

■ 65.4088, 67.3657,
104.1632

■ 36.9981, 38.5304,
8.4151

■ 66.5948, 69.7375,
104.5585

■ 35.8593, 36.7838,
6.3986

■ 67.8141, 72.1762,
104.9650

■ 34.9079, 35.1596,
5.2223

■ 69.0671, 74.6822,
105.3826

■ 34.4890, 34.4060,
4.8233

■ 70.3540, 77.2560,
105.8116

Harmonies

Analogous

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



51.3840, 52.0945, 45.3852



48.9874, 52.0945, 44.5191



46.8028, 52.0945, 46.7029

Triad

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



48.9874, 52.0945, 44.5191



45.8797, 52.0945, 65.0072



53.8935, 52.0945, 62.1770

Complementary

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



48.9874, 52.0945, 44.5191



41.6714, 43.0612, 59.5419

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.



52.3285, 52.0945, 68.0805



48.9874, 52.0945, 44.5191



47.6904, 52.0945, 69.8051

Square

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



48.9874, 52.0945, 44.5191



45.0466, 52.0945, 58.2498



50.0449, 52.0945, 70.9730



54.2680, 52.0945, 55.2212

Rectangle

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



48.9874, 52.0945, 44.5191



45.7435, 52.0945, 49.7077



50.0449, 52.0945, 70.9730



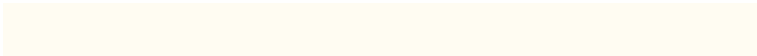
53.4867, 52.0945, 64.3670

Sweetspot

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



48.9888, 52.0968, 44.5202



92.1234, 97.3234, 98.1313



45.0298, 43.1069, 46.5053



19.6327, 20.7521, 20.6924



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.



48.9888, 52.0968, 44.5202



85.2008, 90.7480, 73.4121



48.4977, 54.1630, 44.9449



11.3061, 11.9814, 11.2795



22.4967, 22.5106, 3.1593



1.1177, 1.1708, 0.1671

Inverse Universe

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



41.6714, 43.0612, 59.5419



69.9146, 71.8735, 104.7958



42.1008, 41.3133, 59.1819



10.2541, 10.6823, 13.4389



7.3238, 4.0415, 35.1384



0.4042, 0.3063, 1.6830

Previews

White Background



This preview shows how the XYZ color 48.9874, 52.0945, 44.5191 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 48.9874, 52.0945, 44.5191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

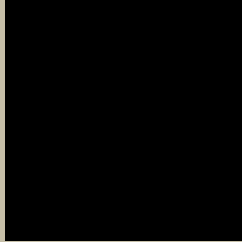
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

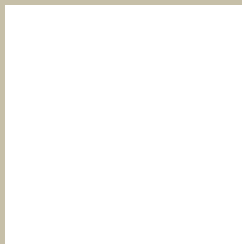
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9874, 52.0945, 44.5191

Background



This preview shows how black text looks on a background with the XYZ color 48.9874, 52.0945, 44.5191.

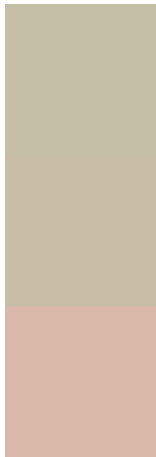


This preview shows how white text looks on a background with the XYZ color 48.9874, 52.0945,

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

48.9874, 52.0945, 44.5191

Protanopia

49.3008, 51.9334, 44.4715

Deuteranopia

52.9172, 51.8973, 44.7643



Tritanopia

52.4586, 51.8914, 62.5095

Trichromacy



Original Color

48.9874, 52.0945, 44.5191

Protanomaly

49.0345, 51.7962, 44.4591

Deuteranomaly

51.5101, 52.1069, 44.8789

Tritanomaly

51.2559, 52.0581, 55.4908

Monochromacy



Original Color

48.9874, 52.0945, 44.5191

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8493, 51.5418, 51.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9874, 52.0945, 44.5191 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(198, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 168)  
}
```

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(198, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 168) }
```

Border

The CSS property to change the border of an element to XYZ 48.9874, 52.0945, 44.5191 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(198, 191, 168) }
```


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

```
.border{ border-color:rgb(198, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9874, 52.0945, 44.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 168) }
```

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

```
.background{ background-color: rgb(198,  
191, 168) }
```

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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