

Converting Colors

XYZ(52.8157, 64.1947, 48.1126)

Have a look what the booklet for
XYZ(52.8157, 64.1947, 48.1126)
contains.

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Color

**XYZ(52.9515, 64.4410,
48.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DCAB
RGB	185, 220, 171
RGB Percent	73%, 86%, 67%
CMY	0.2745, 0.1372, 0.3294
CMYK	0.16, 0.00, 0.22, 0.14
HSL	103°, 41%, 77%
HSV	103°, 22%, 86%
XYZ	52.9515, 64.4410, 48.1756
YIQ	203.9490, -5.1310, -22.6590

Conversions

Conversions Part 2

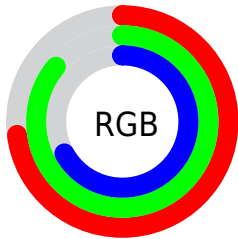
Format	Color
RYB	171, 220, 206
Decimal	12180651
CIELab	84.19, -20.46, 20.35
CIELCh	84, 28.854, 135.150
Yxy	64.4410, 0.3198, 0.3892
Android (android.graphics.Color)	4290370731 (0xFFB9DCAB)
YUV	203.9490, -16.2439, -16.6183
Hunter-Lab	80.2752, -22.7384, 20.6108

Details

The XYZ color **52.9515, 64.4410, 48.1756** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.9374, 47.4168, 74.0759**, and the grayscale version is **57.4655, 60.4582, 65.8389**.

A 20% lighter version of the original color is **85.7631, 95.7118, 85.9055**, and **26.1450, 33.0675, 22.4574** is the 20% darker color. If you saturate the color by 10%, you get **47.4430, 61.8256, 37.8674**, and if you desaturate by 10%, it is **59.2316, 67.4176, 60.3446**.

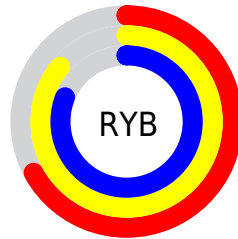
Distribution



Red (73%)

Green (86%)

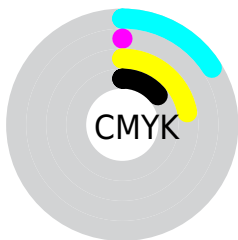
Blue (67%)



Red (67%)

Yellow (86%)

Blue (81%)

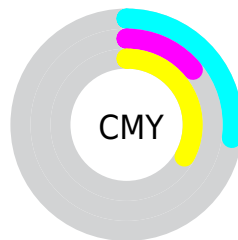


Cyan (16%)

Magenta (0%)

Yellow (22%)

Black (14%)



Cyan (27%)

Magenta (14%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9515, 64.4410, 48.1756 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 52.9515, 64.4410, 48.1756 by changing the saturation by 10% instead.

■ 52.9515, 64.4410,
48.1756

■ 52.9515, 64.4410,
48.1756

388.3629,
440.7804, 396.0165

■ 37.9914, 47.0079,
33.6050

■ 93.6989, 111.2458,
88.8341

■ 26.1532, 33.0419,
22.3154

120.2170,
141.3863, 115.7590

■ 17.0716, 22.1586,
13.8883

151.3184,
176.5315, 147.6391

■ 10.3811, 13.9735,
7.9052

187.3684,
217.0657, 184.8930

■ 5.7166, 8.1022,
3.9474

228.7326,
263.3733, 227.9391

■ 2.7125, 4.1604,
1.5965

275.7761,

■ 1.0036, 1.7637,

315.8387, 277.1960

0.2883

328.8645,
374.8463, 333.0823

0.0000, 0.4644,
0.0000

0.0000, 0.0000,
0.0000

52.9515, 64.4410,
48.1756

52.9515, 64.4410,
48.1756

47.4430, 61.8256,
37.8674

59.2316, 67.4176,
60.3446

42.6701, 59.5493,
29.3242

66.3073, 70.7603,
74.4553

38.6015, 57.5998,
22.4481

74.2076, 74.4841,
90.5891

35.2016, 55.9613,
17.1299

82.3073, 78.3404,
105.3909

■ 32.4311, 54.6161,
13.2475

■ 84.8845, 79.6690,
105.5115

■ 30.2464, 53.5448,
10.6604

■ 28.5968, 52.7250,
9.2000

■ 27.6349, 52.2409,
8.6270

Harmonies

Analogous

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



58.0965, 64.4410, 41.4058



52.9515, 64.4410, 48.1756



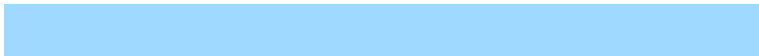
50.1326, 64.4410, 61.5347

Triad

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



52.9515, 64.4410, 48.1756



58.1565, 64.4410, 109.9320



73.8797, 64.4410, 61.3719

Complementary

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



52.9515, 64.4410, 48.1756



52.9374, 47.4168, 74.0759

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.



73.8985, 64.4410, 79.5673



52.9515, 64.4410, 48.1756



64.5140, 64.4410, 109.8677

Square

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



52.9515, 64.4410, 48.1756



52.9928, 64.4410, 98.1596



70.3715, 64.4410, 97.9968



70.3216, 64.4410, 48.0743

Rectangle

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



52.9515, 64.4410, 48.1756



49.8179, 64.4410, 73.3689



70.3715, 64.4410, 97.9968



74.3078, 64.4410, 67.0564

Sweetspot

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



52.9532, 64.4438, 48.1770



87.7716, 96.5646, 94.2485



58.7717, 61.9650, 47.3919



18.6581, 20.6080, 19.9166



0.0000, 0.0000, 0.0000



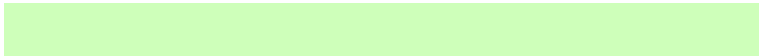
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9532, 64.4438, 48.1770



70.0422, 88.1675, 59.8644



50.7098, 63.1753, 53.1313



13.2342, 14.7854, 13.8819



16.3130, 30.7072, 5.0673



1.1407, 2.0326, 0.3322

Inverse Universe

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



52.9374, 47.4168, 74.0759



70.0109, 60.1196, 102.5220



55.7383, 49.0063, 67.6278



13.2331, 13.0783, 16.4790



15.8741, 7.3076, 40.3122



1.1116, 0.5163, 2.6155

Previews

White Background



This preview shows how the XYZ color 52.9515, 64.4410, 48.1756 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 52.9515, 64.4410, 48.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

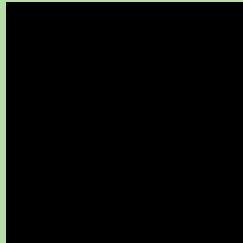
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9515, 64.4410, 48.1756

Background



This preview shows how black text looks on a background with the XYZ color 52.9515, 64.4410, 48.1756.



This preview shows how white text looks on a background with the XYZ color 52.9515, 64.4410,

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

52.9515, 64.4410, 48.1756

Protanopia

60.1148, 64.0421, 45.2694

Deuteranopia

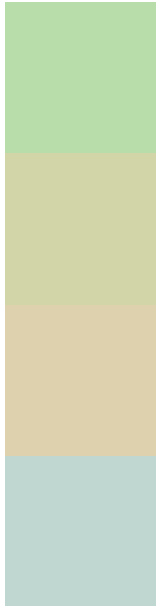
65.4763, 64.2135, 49.5009



Tritanopia

59.9345, 64.2134, 83.3643

Trichromacy



Original Color

52.9515, 64.4410, 48.1756

Protanomaly

57.1566, 63.9710, 46.3809

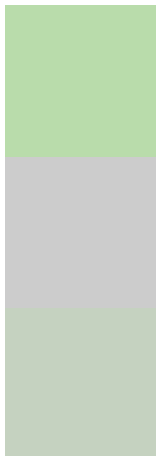
Deuteranomaly

60.2592, 64.0291, 49.2272

Tritanomaly

57.1715, 64.2313, 69.0591

Monochromacy



Original Color

52.9515, 64.4410, 48.1756

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5870, 61.7693, 58.8621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9515, 64.4410, 48.1756 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(185, 220, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 220, 171)  
}
```

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(185, 220, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 220, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.9515, 64.4410, 48.1756 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(185, 220, 171) }
```


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

```
.border{ border-color:rgb(185, 220, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 220, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 220, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 220, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 220,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9515, 64.4410, 48.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 220, 171) }
```

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

```
.background{ background-color: rgb(185,  
220, 171) }
```

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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