

Converting Colors

XYZ(52.8025, 64.7465, 47.5893)

Have a look what the booklet for
XYZ(52.8025, 64.7465, 47.5893)
contains.

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Color

**XYZ(52.8793, 64.8055,
47.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DDAA
RGB	184, 221, 170
RGB Percent	72%, 87%, 67%
CMY	0.2784, 0.1333, 0.3333
CMYK	0.17, 0.00, 0.23, 0.13
HSL	104°, 43%, 77%
HSV	104°, 23%, 87%
XYZ	52.8793, 64.8055, 47.7519
YIQ	204.1230, -5.6810, -23.7050

Conversions

Conversions Part 2

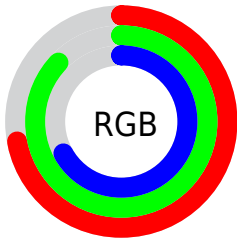
Format	Color
RYB	170, 221, 207
Decimal	12115370
CIELab	84.38, -21.46, 21.12
CIELCh	84, 30.109, 135.449
Yxy	64.8055, 0.3196, 0.3917
Android (android.graphics.Color)	4290305450 (0xFFB8DDAA)
YUV	204.1230, -16.8226, -17.6479
Hunter-Lab	80.5019, -23.6269, 21.1818

Details

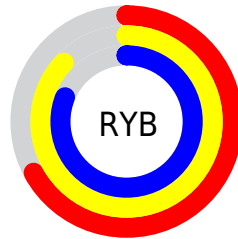
The XYZ color **52.8793, 64.8055, 47.7519** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.1607, 47.2372, 74.7258**, and the grayscale version is **57.5793, 60.5779, 65.9693**.

A 20% lighter version of the original color is **85.2858, 95.4815, 85.1689**, and **26.1122, 33.3263, 22.1959** is the 20% darker color. If you saturate the color by 10%, you get **47.3365, 62.1716, 37.4815**, and if you desaturate by 10%, it is **59.2124, 67.8100, 59.8965**.

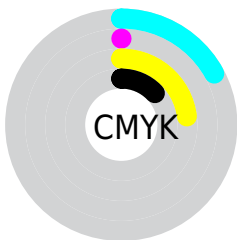
Distribution



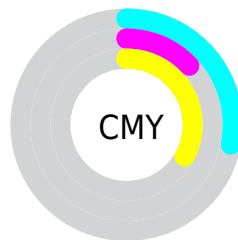
- Red (72%)
- Green (87%)
- Blue (67%)



- Red (67%)
- Yellow (87%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8793, 64.8055, 47.7519 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 52.8793, 64.8055, 47.7519 by changing the saturation by 10% instead.

■ 52.8793, 64.8055,
47.7519

■ 52.8793, 64.8055,
47.7519

388.0903,
442.0927, 394.2882

■ 37.9335, 47.3034,
33.2719

■ 93.5933, 111.7702,
88.1966

■ 26.1081, 33.2756,
22.0620

120.0922,
142.0015, 114.9983

■ 17.0376, 22.3376,
13.7037

151.1729,
177.2448, 146.7444

■ 10.3568, 14.1052,
7.7785

187.2008,
217.8842, 183.8533

■ 5.7002, 8.1939,
3.8678

228.5411,
264.3044, 226.7436

■ 2.7026, 4.2192,
1.5531

275.5592,

■ 0.9985, 1.7969,

316.8896, 275.8338

0.2570

328.6205,
376.0242, 331.5425

0.0000, 0.4853,
0.0000

0.0000, 0.0000,
0.0000

52.8793, 64.8055,
47.7519

52.8793, 64.8055,
47.7519

47.3365, 62.1716,
37.4815

59.2124, 67.8100,
59.8965

42.5470, 59.8855,
28.9880

66.3608, 71.1905,
73.9979

38.4779, 57.9345,
22.1716

74.3548, 74.9625,
90.1385

35.0923, 56.3019,
16.9209

82.6684, 78.9173,
105.4832

■ 32.3492, 54.9692,
13.1111

■ 85.1477, 80.1955,
105.5992

■ 30.2030, 53.9162,
10.5983

■ 28.6007, 53.1193,
9.2088

■ 27.7613, 52.6968,
8.7083

Harmonies

Analogous

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



58.2336, 64.8055, 40.6861



52.8793, 64.8055, 47.7519



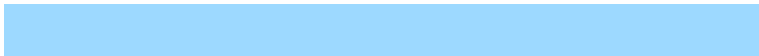
49.9691, 64.8055, 61.7084

Triad

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



52.8793, 64.8055, 47.7519



58.4212, 64.8055, 112.5455



74.8394, 64.8055, 61.2002

Complementary

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



52.8793, 64.8055, 47.7519



53.1607, 47.2372, 74.7258

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.



74.8988, 64.8055, 80.2248



52.8793, 64.8055, 47.7519



65.0848, 64.8055, 112.3418

Square

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



52.8793, 64.8055, 47.7519



53.0081, 64.8055, 100.1929



71.2208, 64.8055, 99.6784



71.0641, 64.8055, 47.4382

Rectangle

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



52.8793, 64.8055, 47.7519



49.6615, 64.8055, 74.1171



71.2208, 64.8055, 99.6784



75.3032, 64.8055, 67.1228

Sweetspot

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



52.8810, 64.8083, 47.7533



87.7029, 96.5292, 94.2453



59.2811, 62.6851, 47.0062



18.6422, 20.5998, 19.9159



0.0000, 0.0000, 0.0000



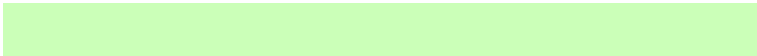
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8810, 64.8083, 47.7533



69.0522, 87.6882, 58.4139



50.7816, 63.6001, 53.3439



13.2203, 14.7783, 13.8813



16.2202, 30.6593, 5.0629



1.1332, 2.0287, 0.3319

Inverse Universe

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



53.1607, 47.2372, 74.7258



69.5015, 59.0658, 102.3455



55.8225, 48.7740, 67.4150



13.2478, 13.0858, 16.4797



16.1572, 7.4535, 40.3255



1.1281, 0.5248, 2.6163

Previews

White Background



This preview shows how the XYZ color 52.8793, 64.8055, 47.7519 looks on a white background.

Color Contrast Check

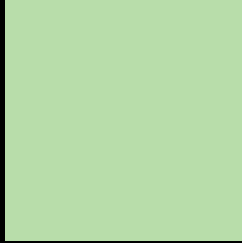
Large Text (above 18pt) WCAG AA × Fail

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 52.8793, 64.8055, 47.7519 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

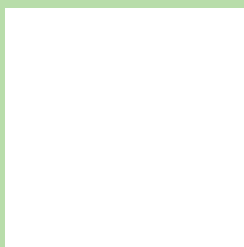
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8793, 64.8055, 47.7519

Background



This preview shows how black text looks on a background with the XYZ color 52.8793, 64.8055, 47.7519.

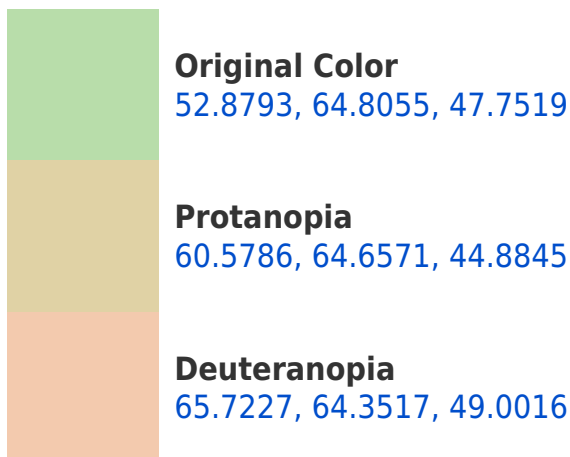


This preview shows how white text looks on a background with the XYZ color 52.8793, 64.8055,

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





Tritanopia

60.3253, 64.7710, 84.1855

Trichromacy



Original Color

52.8793, 64.8055, 47.7519

Protanomaly

57.3161, 64.4385, 45.9762

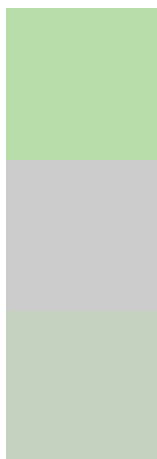
Deuteranomaly

60.4675, 64.1477, 48.7299

Tritanomaly

57.1762, 64.6129, 69.1325

Monochromacy



Original Color

52.8793, 64.8055, 47.7519

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 52.8793, 64.8055, 47.7519 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(184, 221, 170)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 170)  
}
```

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(184, 221, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 170) }
```

Border

The CSS property to change the border of an element to XYZ 52.8793, 64.8055, 47.7519 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(184, 221, 170) }
```


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

```
.border{ border-color:rgb(184, 221, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 170);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8793, 64.8055, 47.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 170) }
```

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

```
.background{ background-color: rgb(184,  
221, 170) }
```

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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