

Converting Colors

XYZ(52.2828, 62.9411, 48.1455)

Have a look what the booklet for
XYZ(52.2828, 62.9411, 48.1455)
contains.

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Color

**XYZ(52.1711, 62.8803,
47.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D9AB
RGB	185, 217, 171
RGB Percent	73%, 85%, 67%
CMY	0.2745, 0.1490, 0.3294
CMYK	0.15, 0.00, 0.21, 0.15
HSL	102°, 38%, 76%
HSV	102°, 21%, 85%
XYZ	52.1711, 62.8803, 47.9155
YIQ	202.1880, -4.3060, -21.0900

Conversions

Conversions Part 2

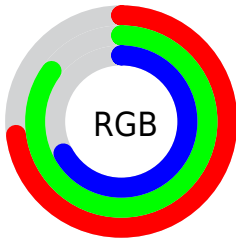
Format	Color
RYB	171, 217, 203
Decimal	12179883
CIELab	83.38, -18.97, 19.22
CIELCh	83, 27.005, 134.631
Yxy	62.8803, 0.3201, 0.3858
Android (android.graphics.Color)	4290369963 (0xFFB9D9AB)
YUV	202.1880, -15.3757, -15.0739
Hunter-Lab	79.2971, -21.3313, 19.6818

Details

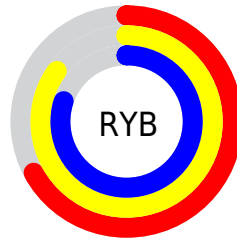
The XYZ color **52.1711, 62.8803, 47.9155** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.7186, 46.8339, 71.9630**, and the grayscale version is **56.3527, 59.2874, 64.5640**.

A 20% lighter version of the original color is **85.7631, 95.7118, 85.9055**, and **25.6102, 31.9979, 22.2792** is the 20% darker color. If you saturate the color by 10%, you get **46.8198, 60.3432, 37.7398**, and if you desaturate by 10%, it is **58.2521, 65.7581, 59.9006**.

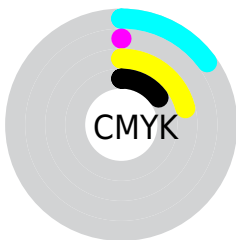
Distribution



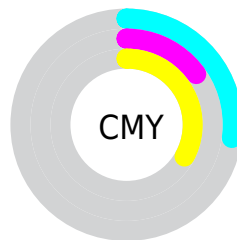
- Red (73%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1711, 62.8803, 47.9155 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 52.1711, 62.8803, 47.9155 by changing the saturation by 10% instead.

■ 52.1711, 62.8803,
47.9155

■ 52.1711, 62.8803,
47.9155

385.4099,
435.1349, 394.9561

■ 37.3663, 45.7444,
33.4005

■ 92.5563, 108.9968,
88.4428

■ 25.6662, 32.0442,
22.1598

118.8673,
138.7462, 115.2922

■ 16.7055, 21.3952,
13.7749

149.7445,
173.4688, 147.0901

■ 10.1187, 13.4132,
7.8273

185.5532,
213.5491, 184.2550

■ 5.5406, 7.7137,
3.8985

226.6587,
259.3715, 227.2055

■ 2.6058, 3.9123,
1.5698

273.4265,

■ 0.9489, 1.6246,

311.3203, 276.3602

0.2691

326.2217,
369.7800, 332.1376

■ 0.0000, 0.3741,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1711, 62.8803,
47.9155

■ 52.1711, 62.8803,
47.9155

■ 46.8198, 60.3432,
37.7398

■ 58.2521, 65.7581,
59.9006

■ 42.1647, 58.1258,
29.2817

■ 65.0848, 68.9805,
73.7727

■ 38.1768, 56.2171,
22.4474

■ 72.6963, 72.5617,
89.6100

■ 34.8232, 54.6024,
17.1326

■ 80.6561, 76.3308,
105.0900

■ 32.0677, 53.2656,
13.2208

■ 84.1041, 78.1083,
105.2514

■ 29.8700, 52.1889,
10.5786

■ 28.1838, 51.3517,
9.0469

■ 27.0633, 50.7877,
8.3766

Harmonies

Analogous

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



56.9558, 62.8803, 41.6769



52.1711, 62.8803, 47.9155



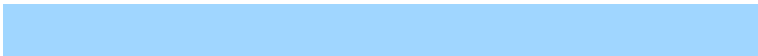
49.5156, 62.8803, 60.2396

Triad

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



52.1711, 62.8803, 47.9155



56.8198, 62.8803, 104.6653



71.3836, 62.8803, 60.6099

Complementary

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



52.1711, 62.8803, 47.9155



51.7186, 46.8339, 71.9630

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.



71.3412, 62.8803, 77.4091



52.1711, 62.8803, 47.9155



62.6668, 62.8803, 104.8084

Square

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



52.1711, 62.8803, 47.9155



52.0772, 62.8803, 93.8204



68.0640, 62.8803, 94.1843



68.1763, 62.8803, 48.1481

Rectangle

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



52.1711, 62.8803, 47.9155



49.1923, 62.8803, 71.1133



68.0640, 62.8803, 94.1843



71.7554, 62.8803, 65.8852

Sweetspot

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



52.1728, 62.8830, 47.9169



88.8755, 97.0903, 96.2607



57.1909, 60.1394, 47.1228



18.8844, 20.7159, 20.3225



0.0000, 0.0000, 0.0000



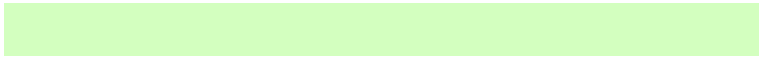
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1728, 62.8830, 47.9169



71.9551, 89.0897, 62.8382



49.7900, 61.5588, 52.1371



13.2573, 14.7974, 13.8830



16.4763, 30.7913, 5.0749



1.1537, 2.0393, 0.3328

Inverse Universe

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



51.7186, 46.8339, 71.9630



71.1950, 62.3554, 102.8911



54.6356, 48.4613, 66.5179



13.2087, 13.0657, 16.4779



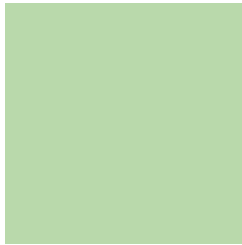
15.4156, 7.0712, 40.2908



1.0847, 0.5025, 2.6143

Previews

White Background



This preview shows how the XYZ color 52.1711, 62.8803, 47.9155 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 52.1711, 62.8803, 47.9155 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

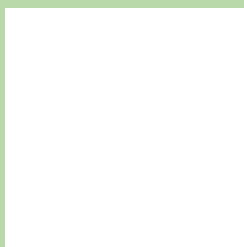
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1711, 62.8803, 47.9155

Background



This preview shows how black text looks on a background with the XYZ color 52.1711, 62.8803, 47.9155.



This preview shows how white text looks on a background with the XYZ color 52.1711, 62.8803,

47.9155.

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

52.1711, 62.8803, 47.9155

Protanopia

58.7110, 62.5945, 45.0639

Deuteranopia

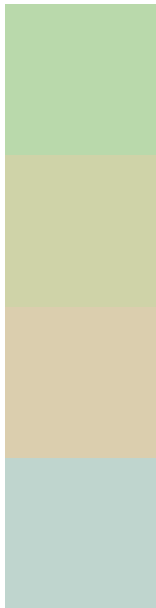
63.7579, 62.2927, 49.2207



Tritanopia

59.0222, 63.0535, 81.0112

Trichromacy



Original Color

52.1711, 62.8803, 47.9155

Protanomaly

56.0943, 62.6811, 46.1880

Deuteranomaly

58.9247, 62.2587, 48.9559

Tritanomaly

56.4207, 63.1211, 67.6024

Monochromacy



Original Color

52.1711, 62.8803, 47.9155

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.4817, 60.1230, 58.0236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1711, 62.8803, 47.9155 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, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 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, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.1711, 62.8803, 47.9155 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, 217, 171) }
```


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

```
.border{ border-color:rgb(185, 217, 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, 217, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1711, 62.8803, 47.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 171) }
```

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

```
.background{ background-color: rgb(185,  
217, 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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