

Converting Colors

XYZ(52.2461, 62.4693, 55.2380)

Have a look what the booklet for
XYZ(52.2461, 62.4693, 55.2380)
contains.

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Color

**XYZ(52.1352, 62.3178,
55.1797)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B4D8B9 |
| RGB | 180, 216, 185 |
| RGB Percent | 71%, 85%, 73% |
| CMY | 0.2941, 0.1529, 0.2745 |
| CMYK | 0.17, 0.00, 0.14, 0.15 |
| HSL | 128°, 32%, 78% |
| HSV | 128°, 17%, 85% |
| XYZ | 52.1352, 62.3178, 55.1797 |
| YIQ | 201.7020, -11.5050, -17.2730 |

Conversions

Conversions Part 2

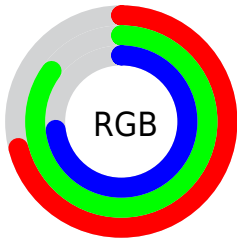
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 212, 216 |
| Decimal | 11851961 |
| CIELab | 83.08, -17.79, 11.38 |
| CIElCh | 83, 21.113, 147.394 |
| Yxy | 62.3178, 0.3073, 0.3674 |
| Android (android.graphics.Color) | 4290042041 (0xFFB4D8B9) |
| YUV | 201.7020, -8.2341, -19.0327 |
| Hunter-Lab | 78.9416, -20.2616, 13.8158 |

Details

The XYZ color **52.1352, 62.3178, 55.1797** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.4002, 51.9460, 68.6847**, and the grayscale version is **56.0095, 58.9264, 64.1708**.

A 20% lighter version of the original color is **86.2293, 95.7037, 97.1470**, and **25.6621, 31.6677, 26.5897** is the 20% darker color. If you saturate the color by 10%, you get **45.6564, 59.1919, 45.2886**, and if you desaturate by 10%, it is **59.6580, 65.9558, 66.4633**.

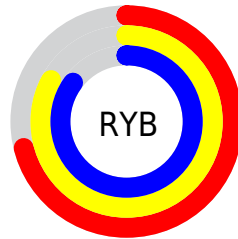
Distribution



Red (71%)

Green (85%)

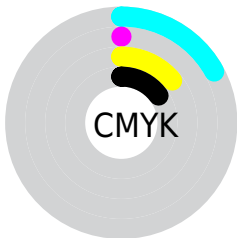
Blue (73%)



Red (71%)

Yellow (83%)

Blue (85%)

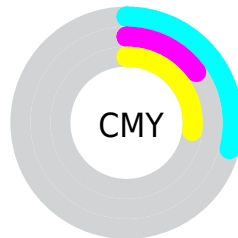


Cyan (17%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (29%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1352, 62.3178, 55.1797 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 52.1352, 62.3178, 55.1797 by changing the saturation by 10% instead.


 52.1352, 62.3178,
55.1797

 52.1352, 62.3178,
55.1797

385.2737,
433.0894, 423.8939

 37.3376, 45.2895,
39.1460


 92.5036, 108.1847,
99.2780

 25.6438, 31.6855,
26.5647


118.8052,
137.7921, 128.1797

 16.6887, 21.1214,
17.0170

149.6720,
172.3614, 162.2078

 10.1067, 13.2128,
10.0845

185.4695,
212.2770, 201.7809

 5.5326, 7.5752,
5.3487

226.5631,
257.9231, 247.3176

 2.6009, 3.8244,
2.3910

273.3181,

 0.9464, 1.5758,

309.6843, 299.2362

0.7815

326.0999,
367.9449, 357.9555

0.0000, 0.3412,
0.0000

0.0000, 0.0000,
0.0000

52.1352, 62.3178,
55.1797

52.1352, 62.3178,
55.1797

45.6564, 59.1919,
45.2886

59.6580, 65.9558,
66.4633

40.1704, 56.5475,
36.7320

68.2628, 70.1190,
79.1861

35.6294, 54.3629,
29.4541

77.9922, 74.8302,
93.3979

31.9795, 52.6116,
23.3934

83.8471, 77.5941,
105.1657

■ 29.1612, 51.2645,
18.4833

■ 27.1081, 50.2888,
14.6510

■ 25.7429, 49.6463,
11.8152

■ 24.9686, 49.2892,
9.8828

■ 24.7914, 49.2079,
9.4198

Harmonies

Analogous

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



55.2807, 62.3178, 47.8781



52.1352, 62.3178, 55.1797



50.8822, 62.3178, 66.7159

Triad

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



52.1352, 62.3178, 55.1797



58.8326, 62.3178, 96.2157



67.3779, 62.3178, 56.9241

Complementary

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



52.1352, 62.3178, 55.1797



56.4002, 51.9460, 68.6847

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.



68.4470, 62.3178, 69.0039



52.1352, 62.3178, 55.1797



63.3655, 62.3178, 92.7308

Square

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



52.1352, 62.3178, 55.1797



54.6226, 62.3178, 91.3291



66.9435, 62.3178, 82.3329



64.0920, 62.3178, 48.7906

Rectangle

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



52.1352, 62.3178, 55.1797



51.2378, 62.3178, 75.6553



66.9435, 62.3178, 82.3329



68.0155, 62.3178, 60.6074

Sweetspot

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



52.1369, 62.3204, 55.1811



88.7961, 96.9744, 99.6424



59.7179, 66.2885, 52.8282



18.8249, 20.6689, 21.0584



0.0000, 0.0000, 0.0000



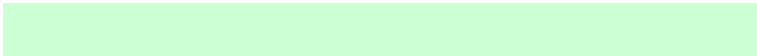
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1369, 62.3204, 55.1811



72.4302, 89.0647, 75.0566



54.1358, 63.1200, 65.7073



12.3320, 13.9238, 13.5626



14.6967, 29.1340, 5.6983



0.9096, 1.7665, 0.4659

Inverse Universe

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



56.4002, 51.9460, 68.6847



79.7632, 71.2179, 98.2815



54.2901, 51.1020, 57.5729



12.8754, 12.6017, 15.2840



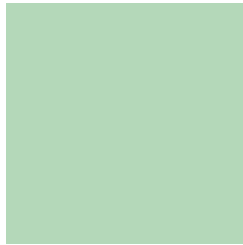
22.0379, 10.7515, 28.5671



1.3501, 0.6568, 1.8331

Previews

White Background



This preview shows how the XYZ color 52.1352, 62.3178, 55.1797 looks on a white background.

Color Contrast Check

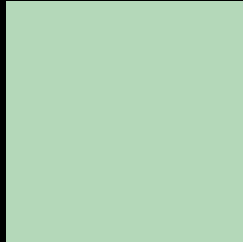
Large Text (above 18pt) WCAG AA × Fail

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 52.1352, 62.3178, 55.1797 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

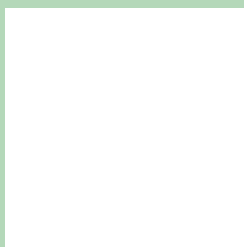
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1352, 62.3178, 55.1797

Background



This preview shows how black text looks on a background with the XYZ color 52.1352, 62.3178, 55.1797.

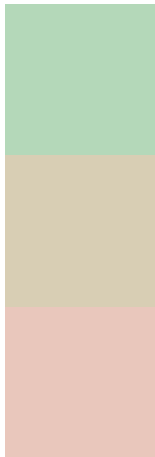


This preview shows how white text looks on a background with the XYZ color 52.1352, 62.3178,

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

52.1352, 62.3178, 55.1797

Protanopia

58.6284, 62.0368, 52.0643

Deuteranopia

63.1048, 61.8013, 56.1798



Tritanopia

57.4052, 62.2040, 81.6540

Trichromacy



Original Color

52.1352, 62.3178, 55.1797

Protanomaly

56.1187, 62.1671, 53.2976

Deuteranomaly

58.5325, 61.5466, 55.8084

Tritanomaly

55.1943, 62.0308, 71.3514

Monochromacy



Original Color

52.1352, 62.3178, 55.1797

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.5248, 60.0805, 60.9475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1352, 62.3178, 55.1797 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(180, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(180, 216, 185)  
}
```

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(180, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 216, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.1352, 62.3178, 55.1797 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(180, 216, 185) }
```


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

```
.border{ border-color:rgb(180, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(180, 216,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1352, 62.3178, 55.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 216, 185) }
```

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

```
.background{ background-color: rgb(180,  
216, 185) }
```

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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