

Converting Colors

XYZ(53.1054, 63.9497, 57.2726)

Have a look what the booklet for
XYZ(53.1054, 63.9497, 57.2726)
contains.

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Color

**XYZ(52.9990, 63.8776,
57.1132)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DBBC
RGB	179, 219, 188
RGB Percent	70%, 86%, 74%
CMY	0.2980, 0.1412, 0.2627
CMYK	0.18, 0.00, 0.14, 0.14
HSL	133°, 36%, 78%
HSV	133°, 18%, 86%
XYZ	52.9990, 63.8776, 57.1132
YIQ	203.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

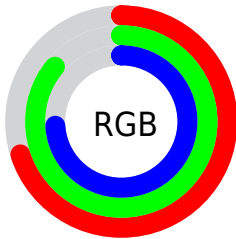
Format	Color
RYB	179, 212, 219
Decimal	11787196
CIELab	83.90, -19.07, 10.95
CIELCh	84, 21.991, 150.138
Yxy	63.8776, 0.3046, 0.3671
Android (android.graphics.Color)	4289977276 (0xFFB3DBBC)
YUV	203.5060, -7.6445, -21.4918
Hunter-Lab	79.9235, -21.4988, 13.5779

Details

The XYZ color **52.9990, 63.8776, 57.1132** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.9686, 51.9549, 68.0013**, and the grayscale version is **57.1372, 60.1128, 65.4629**.

A 20% lighter version of the original color is **86.3501, 95.7138, 99.5114**, and **26.2528, 32.7358, 27.8566** is the 20% darker color. If you saturate the color by 10%, you get **46.6105, 60.7851, 47.8185**, and if you desaturate by 10%, it is **60.4101, 67.4760, 67.5818**.

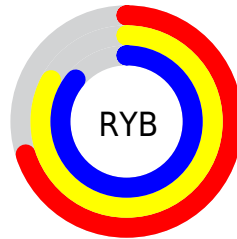
Distribution



Red (70%)

Green (86%)

Blue (74%)



Red (70%)

Yellow (83%)

Blue (86%)

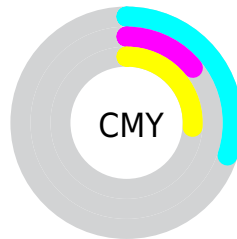


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (30%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9990, 63.8776, 57.1132 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 52.9990, 63.8776, 57.1132 by changing the saturation by 10% instead.


 52.9990, 63.8776,
57.1132

 52.9990, 63.8776,
57.1132


388.5422,
438.7475, 431.3790

 38.0294, 46.5515,
40.6862


 93.7684, 110.4346,
102.1323

 26.1829, 32.6813,
27.7561


120.2990,
140.4344, 131.5615

 17.0939, 21.8824,
17.9044


151.4140,
175.4276, 166.1618

 10.3972, 13.7705,
10.7127

187.4787,
215.7984, 206.3517

 5.7274, 7.9612,
5.7622

228.8586,
261.9315, 252.5499

 2.7191, 4.0701,
2.6346

275.9188,

 1.0070, 1.7129,

314.2111, 305.1748

0.9102

329.0249,
373.0216, 364.6450

■ 0.0000, 0.4320,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9990, 63.8776,
57.1132

■ 52.9990, 63.8776,
57.1132

■ 46.6105, 60.7851,
47.8185

■ 60.4101, 67.4760,
67.5818

■ 41.1941, 58.1680,
39.6525

■ 68.8811, 71.5932,
79.2590

■ 36.7027, 56.0047,
32.5735

■ 78.4536, 76.2519,
92.1832

■ 33.0834, 54.2688,
26.5354

■ 84.6228, 79.1455,
105.4243

■ 30.2776, 52.9311,
21.4888

■ 28.2191, 51.9587,
17.3804

■ 26.8312, 51.3132,
14.1516

■ 26.0050, 50.9399,
11.7363

■ 25.8930, 50.8896,
11.3942

Harmonies

Analogous

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



56.1622, 63.8776, 48.9638



52.9990, 63.8776, 57.1132



51.8790, 63.8776, 69.6162

Triad

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



52.9990, 63.8776, 57.1132



60.7362, 63.8776, 99.7370



69.1185, 63.8776, 57.0155

Complementary

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



52.9990, 63.8776, 57.1132



56.9686, 51.9549, 68.0013

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.



70.4985, 63.8776, 69.4875



52.9990, 63.8776, 57.1132



65.5048, 63.8776, 95.2273

Square

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



52.9990, 63.8776, 57.1132



56.1991, 63.8776, 95.3067



69.1430, 63.8776, 83.6768



65.4639, 63.8776, 48.9129

Rectangle

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



52.9990, 63.8776, 57.1132



52.3927, 63.8776, 79.1325



69.1430, 63.8776, 83.6768



69.8722, 63.8776, 60.7774

Sweetspot

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



53.0007, 63.8803, 57.1146



88.9634, 97.0413, 100.5232



60.1441, 67.6715, 52.5404



18.8654, 20.6851, 21.2717



0.0000, 0.0000, 0.0000



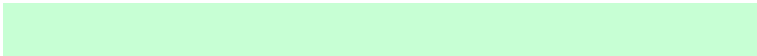
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0007, 63.8803, 57.1146



71.1101, 88.3778, 75.2824



55.2681, 64.7872, 69.0544



13.0059, 14.6540, 14.4940



15.3868, 30.1874, 6.9364



1.0297, 1.9688, 0.6223

Inverse Universe

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



56.9686, 51.9549, 68.0013



77.7243, 68.4944, 93.4266



54.6662, 51.0339, 55.8770



13.4825, 13.2221, 15.8020



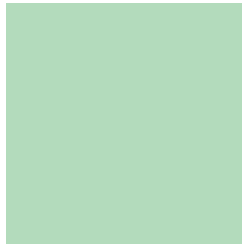
21.6523, 10.6619, 23.6126



1.4342, 0.7033, 1.6952

Previews

White Background



This preview shows how the XYZ color 52.9990, 63.8776, 57.1132 looks on a white background.

Color Contrast Check

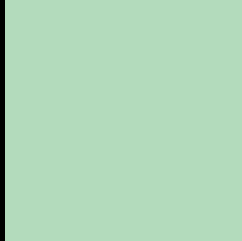
Large Text (above 18pt) WCAG AA × Fail

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 52.9990, 63.8776, 57.1132 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

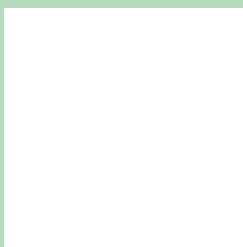
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9990, 63.8776, 57.1132

Background



This preview shows how black text looks on a background with the XYZ color 52.9990, 63.8776, 57.1132.



This preview shows how white text looks on a background with the XYZ color 52.9990, 63.8776,

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

52.9990, 63.8776, 57.1132

Protanopia

59.9128, 63.3946, 53.3346

Deuteranopia

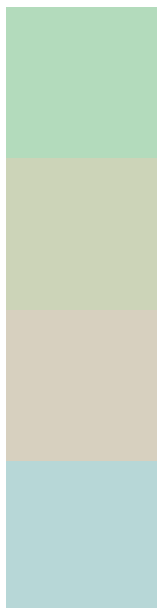
64.6620, 63.2412, 58.6679



Tritanopia

58.3269, 63.7408, 84.0920

Trichromacy



Original Color

52.9990, 63.8776, 57.1132

Protanomaly

57.0971, 63.3850, 54.5726

Deuteranomaly

59.9842, 63.3204, 58.3508

Tritanomaly

56.0946, 63.5745, 73.6046

Monochromacy



Original Color

52.9990, 63.8776, 57.1132

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.4992, 61.2802, 62.3292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9990, 63.8776, 57.1132 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(179, 219, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 188)  
}
```

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(179, 219, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.9990, 63.8776, 57.1132 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(179, 219, 188) }
```


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

```
.border{ border-color:rgb(179, 219, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 219, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9990, 63.8776, 57.1132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 188) }
```

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

```
.background{ background-color: rgb(179,  
219, 188) }
```

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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