

Converting Colors

XYZ(52.6063, 64.4293, 58.3786)

Have a look what the booklet for
XYZ(52.6063, 64.4293, 58.3786)
contains.

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Color

**XYZ(52.6063, 64.4293,
58.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDDBE
RGB	174, 221, 190
RGB Percent	68%, 87%, 75%
CMY	0.3176, 0.1333, 0.2549
CMYK	0.21, 0.00, 0.14, 0.13
HSL	140°, 41%, 77%
HSV	140°, 21%, 87%
XYZ	52.6063, 64.4293, 58.3786
YIQ	203.4130, -18.0610, -19.6050

Conversions

Conversions Part 2

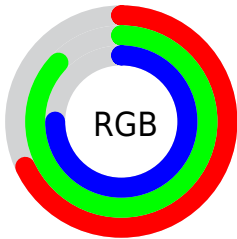
Format	Color
RYB	174, 209, 221
Decimal	11460030
CIELab	84.19, -21.33, 10.26
CIELCh	84, 23.666, 154.305
Yxy	64.4293, 0.2999, 0.3673
Android (android.graphics.Color)	4289650110 (0xFFAEDDBE)
YUV	203.4130, -6.6126, -25.7952
Hunter-Lab	80.2679, -23.4827, 13.0660

Details

The XYZ color **52.6063, 64.4293, 58.3786** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.9766, 50.0536, 64.4716**, and the grayscale version is **57.0743, 60.0466, 65.3907**.

A 20% lighter version of the original color is **85.0277, 94.9968, 101.0436**, and **26.0367, 33.1435, 28.6920** is the 20% darker color. If you saturate the color by 10%, you get **46.5677, 61.4931, 50.1912**, and if you desaturate by 10%, it is **59.6179, 67.8523, 67.4462**.

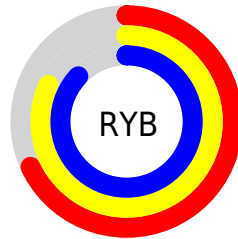
Distribution



Red (68%)

Green (87%)

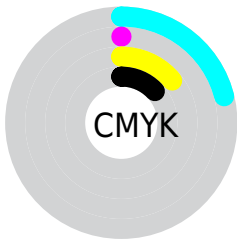
Blue (75%)



Red (68%)

Yellow (82%)

Blue (87%)

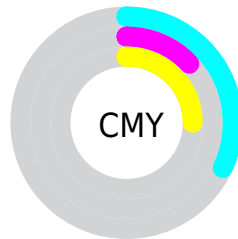


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (32%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6063, 64.4293, 58.3786 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 52.6063, 64.4293, 58.3786 by changing the saturation by 10% instead.

 52.6063, 64.4293,
58.3786

 52.6063, 64.4293,
58.3786


387.0584,
440.7383, 436.2328

 37.7148, 46.9985,
41.6964


 93.1937, 111.2290,
103.9942

 25.9376, 33.0344,
28.5398


119.6204,
141.3666, 133.7647

 16.9094, 22.1528,
18.4904


150.6228,
176.5086, 168.7350

 10.2648, 13.9692,
11.1296

186.5663,
217.0394, 209.3236

 5.6385, 8.0993,
6.0388

227.8162,
263.3434, 255.9492

 2.6651, 4.1585,
2.7995

274.7380,

 0.9792, 1.7626,

315.8049, 309.0302

0.9932

327.6970,
374.8084, 368.9852

0.0000, 0.4637,
0.0000

0.0000, 0.0000,
0.0000

52.6063, 64.4293,
58.3786

52.6063, 64.4293,
58.3786

46.5677, 61.4931,
50.1912

59.6179, 67.8523,
67.4462

41.4526, 59.0133,
42.8534

67.6386, 71.7748,
77.4149

37.2149, 56.9685,
36.3388

76.7089, 76.2189,
88.3103

33.8025, 55.3324,
30.6181

84.0893, 79.7720,
100.0259

■ 31.1573, 54.0757,
25.6605

■ 85.1477, 80.1954,
105.5992

■ 29.2131, 53.1650,
21.4327

■ 27.8919, 52.5607,
17.8990

■ 27.1356, 52.2265,
15.3486

Harmonies

Analogous

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



55.7372, 64.4293, 48.9281



52.6063, 64.4293, 58.3786



51.7371, 64.4293, 72.3394

Triad

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



52.6063, 64.4293, 58.3786



61.9970, 64.4293, 103.0125



69.9370, 64.4293, 55.1242

Complementary

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



52.6063, 64.4293, 58.3786



55.9766, 50.0536, 64.4716

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.



71.8364, 64.4293, 68.0103



52.6063, 64.4293, 58.3786



67.0895, 64.4293, 96.7683

Square

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



52.6063, 64.4293, 58.3786



56.9757, 64.4293, 99.4753



70.7660, 64.4293, 83.4118



65.7080, 64.4293, 47.2455

Rectangle

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



52.6063, 64.4293, 58.3786



52.5131, 64.4293, 82.7024



70.7660, 64.4293, 83.4118



70.8797, 64.4293, 58.9413

Sweetspot

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



52.6081, 64.4320, 58.3800



88.0608, 96.5798, 100.3132



58.7677, 67.7985, 50.0343



18.6926, 20.5957, 21.2771



0.0000, 0.0000, 0.0000



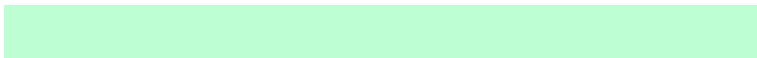
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6081, 64.4320, 58.3800



68.4635, 87.0171, 74.9924



55.3456, 65.5270, 72.7955



13.0685, 14.6790, 14.8238



15.8105, 30.3568, 9.1674



1.0638, 1.9825, 0.8022

Inverse Universe

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



55.9766, 50.0536, 64.4716



74.0000, 63.3770, 84.9983



53.3831, 49.0162, 50.8144



13.4162, 13.1956, 15.4531



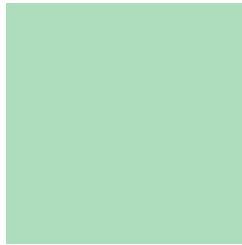
20.3808, 10.1533, 16.9171



1.3601, 0.6737, 1.3052

Previews

White Background



This preview shows how the XYZ color 52.6063, 64.4293, 58.3786 looks on a white background.

Color Contrast Check

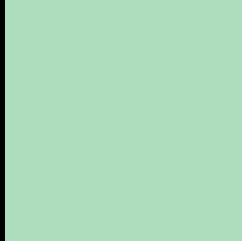
Large Text (above 18pt) WCAG AA × Fail

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 52.6063, 64.4293, 58.3786 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

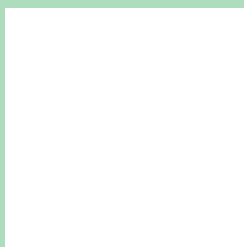
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6063, 64.4293, 58.3786

Background



This preview shows how black text looks on a background with the XYZ color 52.6063, 64.4293, 58.3786.

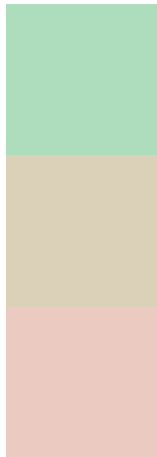


This preview shows how white text looks on a background with the XYZ color 52.6063, 64.4293,

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

52.6063, 64.4293, 58.3786

Protanopia

60.6656, 64.1217, 54.5267

Deuteranopia

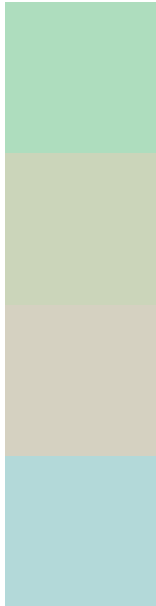
65.1191, 63.7983, 59.9211



Tritanopia

58.1573, 64.3722, 85.7038

Trichromacy



Original Color

52.6063, 64.4293, 58.3786

Protanomaly

57.2858, 63.8302, 55.7555

Deuteranomaly

59.8667, 63.5973, 59.5723

Tritanomaly

55.9276, 64.2192, 75.0935

Monochromacy



Original Color

52.6063, 64.4293, 58.3786

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9779, 61.3769, 62.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6063, 64.4293, 58.3786 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(174, 221, 190)` looks like.

```
.text, #text, p{  
    color:rgb(174, 221, 190)  
}
```

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(174, 221, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 221, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.6063, 64.4293, 58.3786 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(174, 221, 190) }
```


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

```
.border{ border-color:rgb(174, 221, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 221, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 221, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 221, 190); box-shadow:4px 4px 4px 4px rgb(174, 221, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6063, 64.4293, 58.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 221, 190) }
```

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

```
.background{ background-color: rgb(174,  
221, 190) }
```

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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