

Converting Colors

XYZ(54.5513, 65.8542, 59.5084)

Have a look what the booklet for
XYZ(54.5513, 65.8542, 59.5084)
contains.

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Color

**XYZ(54.4581, 65.7516,
59.6903)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DEC0
RGB	180, 222, 192
RGB Percent	71%, 87%, 75%
CMY	0.2941, 0.1294, 0.2471
CMYK	0.19, 0.00, 0.14, 0.13
HSL	137°, 39%, 79%
HSV	137°, 19%, 87%
XYZ	54.4581, 65.7516, 59.6903
YIQ	206.0220, -15.4020, -18.2340

Conversions

Conversions Part 2

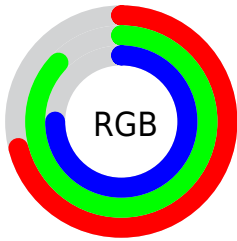
Format	Color
RYB	180, 213, 222
Decimal	11853504
CIELab	84.87, -19.50, 10.23
CIElCh	85, 22.018, 152.323
Yxy	65.7516, 0.3027, 0.3655
Android (android.graphics.Color)	4290043584 (0xFFB4DEC0)
YUV	206.0220, -6.9128, -22.8213
Hunter-Lab	81.0874, -22.0227, 13.1164

Details

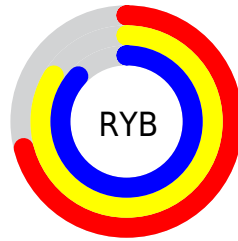
The XYZ color **54.4581, 65.7516, 59.6903** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.0806, 52.8268, 68.1111**, and the grayscale version is **58.7317, 61.7903, 67.2896**.

A 20% lighter version of the original color is **87.2953, 96.1302, 102.7610**, and **27.2313, 34.0135, 29.5561** is the 20% darker color. If you saturate the color by 10%, you get **48.0347, 62.6343, 50.7070**, and if you desaturate by 10%, it is **61.9022, 69.3770, 69.7125**.

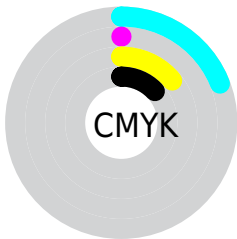
Distribution



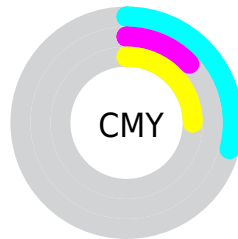
- Red (71%)
- Green (87%)
- Blue (75%)



- Red (71%)
- Yellow (84%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4581, 65.7516, 59.6903 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 54.4581, 65.7516, 59.6903 by changing the saturation by 10% instead.

■ 54.4581, 65.7516,
59.6903

■ 54.4581, 65.7516,
59.6903

394.0244,
445.4880, 441.2282

■ 39.2002, 48.0708,
42.7454

■ 95.8995, 113.1297,
105.9192

■ 27.0969, 33.8829,
29.3555

122.8136,
143.5959, 136.0404

■ 17.7830, 22.8037,
19.1020

154.3439,
179.0925, 171.3906

■ 10.8930, 14.4486,
11.5665

190.8557,
220.0041, 212.3886

■ 6.0617, 8.4333,
6.3303

232.7142,
266.7151, 259.4528

■ 2.9237, 4.3735,
2.9749


280.2850,

■ 1.1135, 1.8846,

319.6098, 313.0018


1.0818


333.9332,
379.0726, 373.4541


 0.0364, 0.5391,
0.0000


 0.0000, 0.0000,
0.0000


 54.4581, 65.7516,
59.6903


 54.4581, 65.7516,
59.6903

 48.0347, 62.6343,
50.7070


 61.9022, 69.3770,
69.7125


 42.5813, 59.9940,
42.7249

 70.4041, 73.5232,
80.8010

 38.0510, 57.8091,
35.7103

 80.0055, 78.2131,
92.9875

 34.3906, 56.0529,
29.6263

 85.4125, 80.7250,
105.6875

■ 31.5412, 54.6960,
24.4331

■ 29.4365, 53.7050,
20.0885

■ 27.9987, 53.0407,
16.5462

■ 27.1107, 52.6438,
13.7546

■ 27.0317, 52.6087,
13.4952

Harmonies

Analogous

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



57.5544, 65.7516, 50.9846



54.4581, 65.7516, 59.6903



53.4800, 65.7516, 72.7003

Triad

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



54.4581, 65.7516, 59.6903



62.8806, 65.7516, 102.3438



70.8666, 65.7516, 58.0150

Complementary

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



54.4581, 65.7516, 59.6903



58.0806, 52.8268, 68.1111

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.



72.4699, 65.7516, 70.4957



54.4581, 65.7516, 59.6903



67.7104, 65.7516, 97.1168

Square

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



54.4581, 65.7516, 59.6903



58.1877, 65.7516, 98.4738



71.2859, 65.7516, 84.9798



67.0096, 65.7516, 50.1106

Rectangle

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



54.4581, 65.7516, 59.6903



54.1169, 65.7516, 82.4253



71.2859, 65.7516, 84.9798



71.6959, 65.7516, 61.7527

Sweetspot

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



54.4599, 65.7544, 59.6918



87.9334, 96.5288, 99.6420



60.9688, 69.2573, 53.3354



18.6625, 20.5837, 21.1188



0.0000, 0.0000, 0.0000



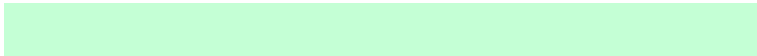
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4599, 65.7544, 59.6918



70.6398, 88.1123, 76.3058



56.9433, 66.7477, 72.7693



13.6890, 15.4013, 15.3974



16.0971, 31.2637, 8.2342



1.1536, 2.1822, 0.7703

Inverse Universe

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



58.0806, 52.8268, 68.1111



76.5274, 67.0853, 89.9921



55.6436, 51.8520, 55.2780



14.1193, 13.8654, 16.3985



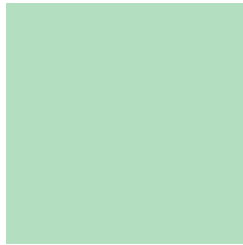
21.6385, 10.7224, 20.5601



1.5378, 0.7584, 1.6251

Previews

White Background



This preview shows how the XYZ color 54.4581, 65.7516, 59.6903 looks on a white background.

Color Contrast Check

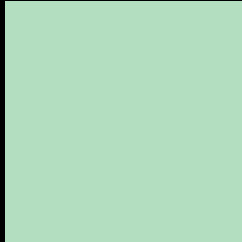
Large Text (above 18pt) WCAG AA × Fail

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 54.4581, 65.7516, 59.6903 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 54.4581, 65.7516, 59.6903

Background



This preview shows how black text looks on a background with the XYZ color 54.4581, 65.7516, 59.6903.



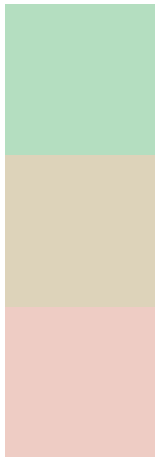
This preview shows how white text looks on a background with the XYZ color 54.4581, 65.7516,

59.6903.

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

54.4581, 65.7516, 59.6903

Protanopia

61.9760, 65.5059, 55.8318

Deuteranopia

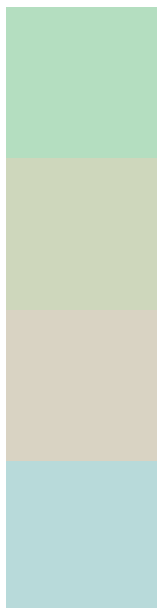
66.8166, 65.3484, 61.3164



Tritanopia

59.7574, 65.5597, 86.5955

Trichromacy



Original Color

54.4581, 65.7516, 59.6903

Protanomaly

58.8311, 65.3535, 57.0907

Deuteranomaly

61.7599, 65.2804, 60.9750

Tritanomaly

57.4935, 65.3951, 75.9220

Monochromacy



Original Color

54.4581, 65.7516, 59.6903

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.1121, 63.1743, 64.4421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4581, 65.7516, 59.6903 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, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 222, 192)  
}
```

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, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 222, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.4581, 65.7516, 59.6903 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, 222, 192) }
```


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

```
.border{ border-color:rgb(180, 222, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 222, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 222, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 222, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 222,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4581, 65.7516, 59.6903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 222, 192) }
```

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

```
.background{ background-color: rgb(180,  
222, 192) }
```

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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