

Converting Colors

XYZ(52.4619, 67.6743, 63.4114)

Have a look what the booklet for
XYZ(52.4619, 67.6743, 63.4114)
contains.

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Color

**XYZ(52.4754, 67.8939,
63.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE6C5
RGB	158, 230, 197
RGB Percent	62%, 90%, 77%
CMY	0.3804, 0.0980, 0.2274
CMYK	0.31, 0.00, 0.14, 0.10
HSL	152°, 59%, 76%
HSV	152°, 31%, 90%
XYZ	52.4754, 67.8939, 63.1624
YIQ	204.7100, -32.3190, -25.5270

Conversions

Conversions Part 2

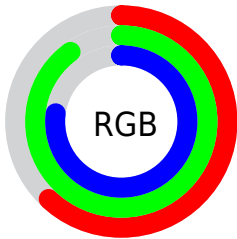
Format	Color
RYB	158, 205, 230
Decimal	10413765
CIELab	85.95, -29.27, 8.98
CIELCh	86, 30.620, 162.943
Yxy	67.8939, 0.2859, 0.3699
Android (android.graphics.Color)	4288603845 (0xFF9EE6C5)
YUV	204.7100, -3.8010, -40.9647
Hunter-Lab	82.3978, -30.5175, 12.2294

Details

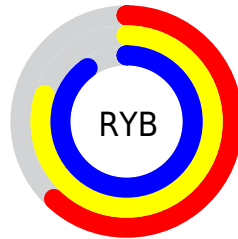
The XYZ color **52.4754, 67.8939, 63.1624** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.2663, 45.0400, 55.1264**, and the grayscale version is **57.8837, 60.8981, 66.3180**.

A 20% lighter version of the original color is **81.3809, 92.9719, 107.4221**, and **25.8029, 35.1983, 31.4206** is the 20% darker color. If you saturate the color by 10%, you get **47.2019, 65.3119, 56.8295**, and if you desaturate by 10%, it is **58.6839, 70.9518, 69.9830**.

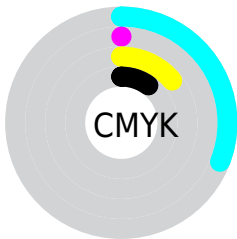
Distribution



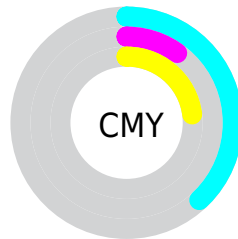
- Red (62%)
- Green (90%)
- Blue (77%)



- Red (62%)
- Yellow (80%)
- Blue (90%)



- Cyan (31%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)





- Cyan (38%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4754, 67.8939, 63.1624 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 52.4754, 67.8939, 63.1624 by changing the saturation by 10% instead.


 52.4754, 67.8939,
63.1624


 52.4754, 67.8939,
63.1624


386.5631,
453.1200, 454.2828

 37.6099, 49.8114,
45.5308


 93.0021, 116.2003,
110.9916

 25.8559, 35.2636,
31.5297


 119.3940,
147.1931, 142.0263

 16.8480, 23.8660,
20.7407

150.3588,
183.2581, 178.3657

 10.2208, 15.2342,
12.7452

186.2618,
224.7797, 220.4283

 5.6090, 8.9839,
7.1247

227.4683,
272.1423, 268.6329

 2.6472, 4.7307,
3.4606


274.3438,

 0.9701, 2.0901,


325.7302, 323.3977

1.3343


327.2536,
385.9280, 385.1415


 0.0000, 0.6591,
0.0897


 0.0000, 0.0000,
0.0000

 52.4754, 67.8939,
63.1624


 52.4754, 67.8939,
63.1624


 47.2019, 65.3119,
56.8295


 58.6839, 70.9518,
69.9830


 42.8086, 63.1722,
50.9685


 65.8669, 74.5004,
77.2975

 39.2436, 61.4502,
45.5691


 74.0688, 78.5640,
85.1179


 36.4471, 60.1153,
40.6190


 83.3291, 83.1629,
93.4542

 34.3505, 59.1322,
36.1051

 86.7485, 84.7402,
101.9916

 32.8720, 58.4590,
32.0132

 87.5880, 85.0761,
106.4127

 31.9730, 58.0660,
28.7846

Harmonies

Analogous

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



55.7708, 67.8939, 49.0981



52.4754, 67.8939, 63.1624



52.2573, 67.8939, 82.9195

Triad

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



52.4754, 67.8939, 63.1624



67.5997, 67.8939, 118.3284



74.9177, 67.8939, 50.6062

Complementary

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



52.4754, 67.8939, 63.1624



54.2663, 45.0400, 55.1264

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.



78.5903, 67.8939, 65.6055



52.4754, 67.8939, 63.1624



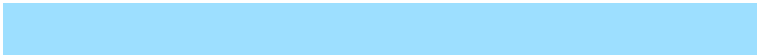
74.1639, 67.8939, 105.9638

Square

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



52.4754, 67.8939, 63.1624



60.6547, 67.8939, 117.3488



78.3048, 67.8939, 85.8454



68.5692, 67.8939, 42.8017

Rectangle

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



52.4754, 67.8939, 63.1624



53.8600, 67.8939, 96.9856



78.3048, 67.8939, 85.8454



76.5261, 67.8939, 54.8442

Sweetspot

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



52.4773, 67.8967, 63.1639



85.4572, 95.2451, 99.8512



56.1077, 70.2195, 42.9453



17.9810, 20.2328, 21.0698



0.0000, 0.0000, 0.0000



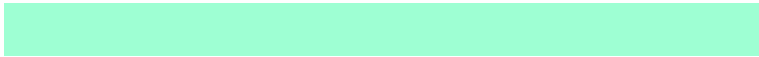
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4773, 67.8967, 63.1639



61.5862, 83.4816, 74.2235



56.0192, 68.2521, 85.0876



14.5142, 16.2191, 16.9724



18.1630, 32.8973, 16.6246



1.3890, 2.4497, 1.4748

Inverse Universe

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



54.2663, 45.0400, 55.1264



64.2057, 50.0365, 62.4711



51.4469, 44.5737, 38.2408



14.6504, 14.4773, 16.3592



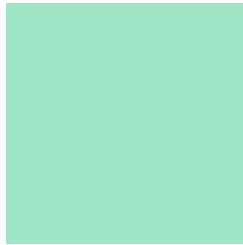
19.9911, 10.1306, 8.8478



1.5237, 0.7672, 0.8983

Previews

White Background



This preview shows how the XYZ color 52.4754, 67.8939, 63.1624 looks on a white background.

Color Contrast Check

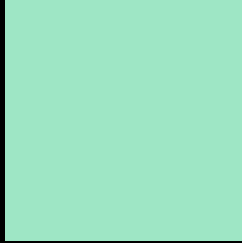
Large Text (above 18pt) WCAG AA × Fail

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 52.4754, 67.8939, 63.1624 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

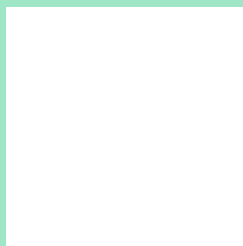
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4754, 67.8939, 63.1624

Background



This preview shows how black text looks on a background with the XYZ color 52.4754, 67.8939, 63.1624.



This preview shows how white text looks on a background with the XYZ color 52.4754, 67.8939,

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

52.4754, 67.8939, 63.1624

Protanopia

63.6118, 67.0666, 57.1694

Deuteranopia

68.5701, 67.2406, 65.2418



Tritanopia

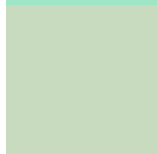
58.6190, 67.9376, 94.0281

Trichromacy



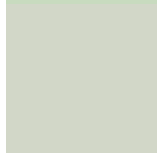
Original Color

52.4754, 67.8939, 63.1624



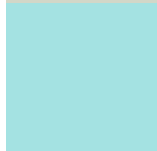
Protanomaly

58.5549, 66.7040, 59.0792



Deuteranomaly

61.3041, 66.4726, 64.2430



Tritanomaly

56.2337, 67.7762, 82.0698

Monochromacy



Original Color

52.4754, 67.8939, 63.1624



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.4463, 63.0488, 65.1244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4754, 67.8939, 63.1624 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(158, 230, 197)` looks like.

```
.text, #text, p{  
    color:rgb(158, 230, 197)  
}
```

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(158, 230, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 230, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.4754, 67.8939, 63.1624 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(158, 230, 197) }
```


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

```
.border{ border-color:rgb(158, 230, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 230, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 230, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 230, 197);  
box-shadow:4px 4px 4px 4px rgb(158, 230,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4754, 67.8939, 63.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 230, 197) }
```

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

```
.background{ background-color: rgb(158,  
230, 197) }
```

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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