

Converting Colors

XYZ(52.7059, 67.4801, 39.7405)

Have a look what the booklet for
XYZ(52.7059, 67.4801, 39.7405)
contains.

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Color

**XYZ(52.6650, 67.2724,
39.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E398
RGB	183, 227, 152
RGB Percent	72%, 89%, 60%
CMY	0.2824, 0.1098, 0.4039
CMYK	0.19, 0.00, 0.33, 0.11
HSL	95°, 57%, 74%
HSV	95°, 33%, 89%
XYZ	52.6650, 67.2724, 39.9149
YIQ	205.2940, -2.1490, -32.6530

Conversions

Conversions Part 2

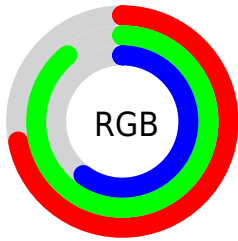
Format	Color
RYB	152, 227, 196
Decimal	12051352
CIELab	85.64, -27.43, 32.11
CIELCh	86, 42.231, 130.514
Yxy	67.2724, 0.3295, 0.4208
Android (android.graphics.Color)	4290241432 (0xFFB7E398)
YUV	205.2940, -26.2739, -19.5518
Hunter-Lab	82.0198, -28.9195, 28.5604

Details

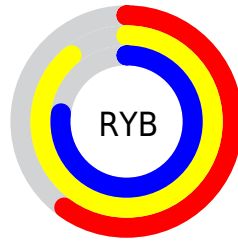
The XYZ color **52.6650, 67.2724, 39.9149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8611, 39.7402, 77.8247**, and the grayscale version is **58.3801, 61.4204, 66.8868**.

A 20% lighter version of the original color is **82.9577, 94.5503, 72.9092**, and **25.9164, 34.7130, 17.3909** is the 20% darker color. If you saturate the color by 10%, you get **47.9619, 65.0446, 30.9012**, and if you desaturate by 10%, it is **58.0272, 69.8030, 50.8195**.

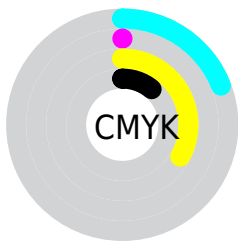
Distribution



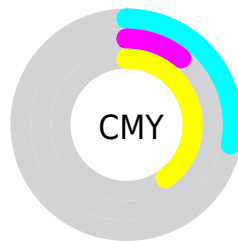
- Red (72%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)





- Cyan (28%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6650, 67.2724, 39.9149 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 52.6650, 67.2724, 39.9149 by changing the saturation by 10% instead.


 52.6650, 67.2724,
39.9149


 52.6650, 67.2724,
39.9149


387.2805,
450.9138, 361.3062

 37.7618, 49.3060,
27.1589


 93.2797, 115.3106,
76.2696

 25.9743, 34.8623,
17.4591


 119.7219,
146.1513, 100.7054

 16.9370, 23.5568,
10.3970


150.7411,
182.0522, 129.8715

 10.2846, 15.0052,
5.5539

186.7028,
223.3977, 164.1865

 5.6518, 8.8230,
2.5114

227.9722,
270.5722, 204.0689

 2.6731, 4.6259,
0.8462

274.9147,

 0.9834, 2.0295,

323.9601, 249.9373

0.0000

327.8957,
383.9459, 302.2102

0.0000, 0.6245,
0.0000

0.0000, 0.0000,
0.0000

52.6650, 67.2724,
39.9149

52.6650, 67.2724,
39.9149

47.9619, 65.0446,
30.9012

58.0272, 69.8030,
50.8195

43.8841, 63.0983,
23.6665

64.0700, 72.6391,
63.7098

40.4023, 61.4231,
18.0936

70.8203, 75.7947,
78.6795

37.4822, 60.0042,
14.0497

78.3019, 79.2800,
95.8148

■ 35.0853, 58.8251,
11.3815

■ 84.7991, 82.4098,
106.0450

■ 33.1663, 57.8666,
9.9037

■ 86.7604, 83.4209,
106.1368

■ 32.0681, 57.3111,
9.3720

Harmonies

Analogous

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



60.6253, 67.2724, 32.5447



52.6650, 67.2724, 39.9149



48.0453, 67.2724, 56.9658

Triad

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



52.6650, 67.2724, 39.9149



57.9687, 67.2724, 135.3697



83.8975, 67.2724, 64.0039

Complementary

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



52.6650, 67.2724, 39.9149



47.8611, 39.7402, 77.8247

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.



83.0035, 67.2724, 92.3705



52.6650, 67.2724, 39.9149



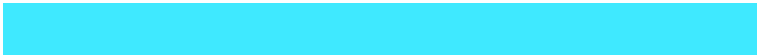
67.3741, 67.2724, 138.6241

Square

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



52.6650, 67.2724, 39.9149



50.8883, 67.2724, 113.3159



76.7202, 67.2724, 121.3327



79.0528, 67.2724, 43.9516

Rectangle

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



52.6650, 67.2724, 39.9149



47.1759, 67.2724, 73.7244



76.7202, 67.2724, 121.3327



84.2693, 67.2724, 72.7741

Sweetspot

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



52.6667, 67.2753, 39.9164



85.9212, 95.7372, 88.4459



57.0323, 57.9677, 37.8897



18.1324, 20.3708, 18.3640



0.0000, 0.0000, 0.0000



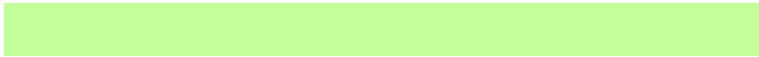
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6667, 67.2753, 39.9164



64.0558, 85.4428, 43.2530



46.6131, 64.0938, 42.3764



14.7508, 16.3786, 15.2884



18.8267, 33.4870, 5.4714



1.4947, 2.5279, 0.4092

Inverse Universe

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



47.8611, 39.7402, 77.8247



56.8365, 44.1253, 100.1292



55.9272, 43.9963, 73.7799



14.3891, 14.3028, 18.1467



13.8798, 6.2212, 42.8524



1.1307, 0.5139, 3.1716

Previews

White Background



This preview shows how the XYZ color 52.6650, 67.2724, 39.9149 looks on a white background.

Color Contrast Check

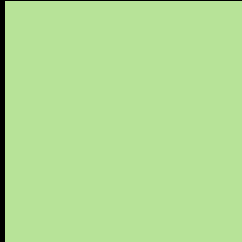
Large Text (above 18pt) WCAG AA × Fail

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 52.6650, 67.2724, 39.9149 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 52.6650, 67.2724, 39.9149

Background



This preview shows how black text looks on a background with the XYZ color 52.6650, 67.2724, 39.9149.



This preview shows how white text looks on a background with the XYZ color 52.6650, 67.2724,

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

52.6650, 67.2724, 39.9149

Protanopia

61.9376, 66.6527, 36.7949

Deuteranopia

68.0620, 66.7924, 41.2033



Tritanopia

62.1698, 67.1683, 87.5300

Trichromacy



Original Color

52.6650, 67.2724, 39.9149

Protanomaly

58.1483, 66.5771, 37.8029

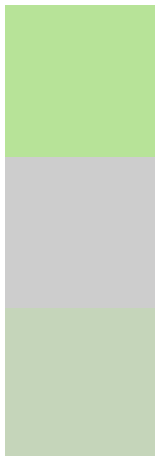
Deuteranomaly

61.3892, 66.2860, 40.5693

Tritanomaly

58.2414, 67.1489, 67.0181

Monochromacy



Original Color

52.6650, 67.2724, 39.9149

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.6831, 63.0040, 55.6805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6650, 67.2724, 39.9149 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(183, 227, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 227, 152)  
}
```

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(183, 227, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 227, 152) }
```

Border

The CSS property to change the border of an element to XYZ 52.6650, 67.2724, 39.9149 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(183, 227, 152) }
```


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

```
.border{ border-color:rgb(183, 227, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 227, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 227, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 227, 152); box-shadow:4px 4px 4px 4px rgb(183, 227, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6650, 67.2724, 39.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 227, 152) }
```

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

```
.background{ background-color: rgb(183,  
227, 152) }
```

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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