

Converting Colors

XYZ(42.6729, 57.3075, 39.2102)

Have a look what the booklet for
XYZ(42.6729, 57.3075, 39.2102)
contains.

XYZ(42.7109, 57.4180, 39.4035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.7109, 57.4180,
39.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	96D79A
RGB	150, 215, 154
RGB Percent	59%, 84%, 60%
CMY	0.4118, 0.1568, 0.3961
CMYK	0.30, 0.00, 0.28, 0.16
HSL	124°, 45%, 72%
HSV	124°, 30%, 84%
XYZ	42.7109, 57.4180, 39.4035
YIQ	188.6110, -19.1590, -32.7510

Conversions

Conversions Part 2

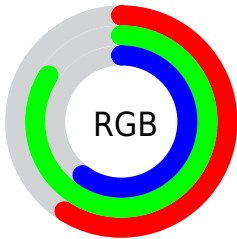
Format	Color
RYB	150, 211, 215
Decimal	9885594
CIELab	80.41, -32.60, 23.71
CIELCh	80, 40.311, 143.978
Yxy	57.4180, 0.3061, 0.4115
Android (android.graphics.Color)	4288075674 (0xFF96D79A)
YUV	188.6110, -17.0632, -33.8618
Hunter-Lab	75.7747, -31.9929, 22.2109

Details

The XYZ color **42.7109, 57.4180, 39.4035** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.6906, 40.9643, 66.8658**, and the grayscale version is **48.2510, 50.7638, 55.2818**.

A 20% lighter version of the original color is **72.7222, 89.2453, 73.7148**, and **19.8988, 28.6423, 17.0501** is the 20% darker color. If you saturate the color by 10%, you get **37.5701, 54.9476, 31.1160**, and if you desaturate by 10%, it is **48.8632, 60.3805, 49.2153**.

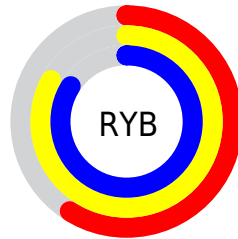
Distribution



Red (59%)

Green (84%)

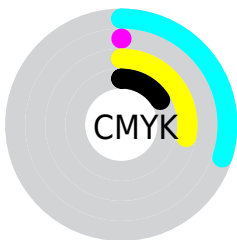
Blue (60%)



Red (59%)

Yellow (83%)

Blue (84%)

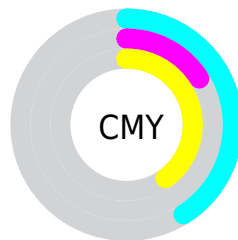


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (41%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7109, 57.4180, 39.4035 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 42.7109, 57.4180, 39.4035 by changing the saturation by 10% instead.

 42.7109, 57.4180,
39.4035


 42.7109, 57.4180,
39.4035


348.3632,
415.0138, 359.0800

 29.8519, 41.3409,
26.7635


 78.5329, 101.0748,
75.4814

 19.8737, 28.5856,
17.1648


 102.2265,
129.4234, 99.7565

 12.4110, 18.7675,
10.1889


130.2624,
162.6313, 128.7470

 7.0984, 11.5024,
5.4171

163.0059,
201.0828, 162.8715

 3.5706, 6.4058,
2.4310

200.8224,
245.1625, 202.5485

 1.4622, 3.0934,
0.8033

244.0772,

 0.2999, 1.1807,

295.2546, 248.1965

0.0000

293.1357,
351.7435, 300.2342

■ 0.0000, 0.0458,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.7109, 57.4180,
39.4035

■ 42.7109, 57.4180,
39.4035

■ 37.5701, 54.9476,
31.1160

■ 48.8632, 60.3805,
49.2153

■ 33.3823, 52.9358,
24.2728

■ 56.0722, 63.8519,
60.6184

■ 30.0901, 51.3566,
18.7924

■ 64.3860, 67.8574,
73.6805

■ 27.6282, 50.1780,
14.5836

■ 73.8483, 72.4180,
88.4643

■ 25.9222, 49.3640,
11.5441

■ 83.5735, 77.0759,
104.9857

■ 24.8844, 48.8720,
9.5560

■ 83.5915, 77.0831,
105.0805

■ 24.3757, 48.6327,
8.4910

Harmonies

Analogous

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



48.3713, 57.4180, 29.4889



42.7109, 57.4180, 39.4035



40.2551, 57.4180, 57.8670

Triad

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



42.7109, 57.4180, 39.4035



52.9248, 57.4180, 119.5351



70.4089, 57.4180, 45.7969

Complementary

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



42.7109, 57.4180, 39.4035



50.6906, 40.9643, 66.8658

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.



71.9402, 57.4180, 67.4127



42.7109, 57.4180, 39.4035



61.2857, 57.4180, 113.9643

Square

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



42.7109, 57.4180, 39.4035



45.7570, 57.4180, 106.9908



68.4527, 57.4180, 93.2628



64.4568, 57.4180, 32.4759

Rectangle

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



42.7109, 57.4180, 39.4035



40.5682, 57.4180, 74.1606



68.4527, 57.4180, 93.2628



71.4812, 57.4180, 52.1633

Sweetspot

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



42.7124, 57.4204, 39.4048



83.8291, 94.5938, 91.2778



56.8873, 64.7657, 38.3576



17.5820, 20.0731, 18.9685



0.0000, 0.0000, 0.0000



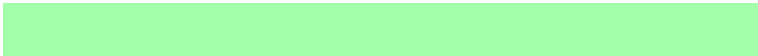
20.3446, 21.4041, 23.3091

Same Dimension

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



42.7124, 57.4204, 39.4048



58.0526, 82.1866, 50.2660



45.7162, 58.6219, 55.2225



12.2931, 13.9082, 13.3579



14.5922, 29.0922, 5.1483



0.8913, 1.7592, 0.3692

Inverse Universe

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



50.6906, 40.9643, 66.8658



71.5263, 54.3869, 96.6372



47.0945, 39.5258, 47.9291



12.9185, 12.6189, 15.5110



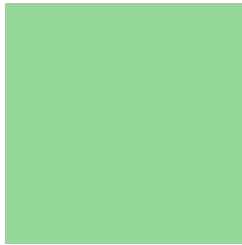
23.1365, 11.1909, 34.3524



1.4057, 0.6791, 2.1258

Previews

White Background



This preview shows how the XYZ color 42.7109, 57.4180, 39.4035 looks on a white background.

Color Contrast Check

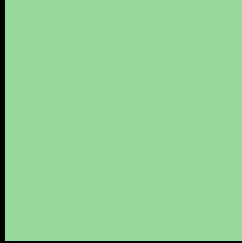
Large Text (above 18pt) WCAG AA × Fail

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 42.7109, 57.4180, 39.4035 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 42.7109, 57.4180, 39.4035

Background



This preview shows how black text looks on a background with the XYZ color 42.7109, 57.4180, 39.4035.



This preview shows how white text looks on a background with the XYZ color 42.7109, 57.4180,

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

42.7109, 57.4180, 39.4035

Protanopia

52.9011, 56.6409, 35.7484

Deuteranopia

57.8438, 56.7537, 40.7068



Tritanopia

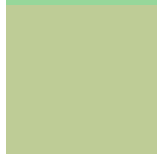
50.4948, 57.2569, 78.2024

Trichromacy



Original Color

42.7109, 57.4180, 39.4035



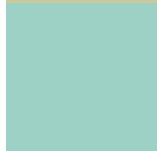
Protanomaly

48.3331, 56.3349, 37.1805



Deuteranomaly

51.0972, 56.2994, 40.0721



Tritanomaly

47.0941, 56.9472, 61.9359

Monochromacy



Original Color

42.7109, 57.4180, 39.4035



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.7098, 52.6367, 48.8250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7109, 57.4180, 39.4035 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(150, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 215, 154)  
}
```

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(150, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 215, 154) }
```

Border

The CSS property to change the border of an element to XYZ 42.7109, 57.4180, 39.4035 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(150, 215, 154) }
```


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

```
.border{ border-color:rgb(150, 215, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 215, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 215,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7109, 57.4180, 39.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 215, 154) }
```

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

```
.background{ background-color: rgb(150,  
215, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor