

Converting Colors

XYZ(39.1130, 57.4357, 24.2702)

Have a look what the booklet for
XYZ(39.1130, 57.4357, 24.2702)
contains.

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Color

**XYZ(39.0714, 57.4083,
24.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	8CDB70
RGB	140, 219, 112
RGB Percent	55%, 86%, 44%
CMY	0.4510, 0.1412, 0.5608
CMYK	0.36, 0.00, 0.49, 0.14
HSL	104°, 60%, 65%
HSV	104°, 49%, 86%
XYZ	39.0714, 57.4083, 24.3509
YIQ	183.1810, -12.7370, -50.0250

Conversions

Conversions Part 2

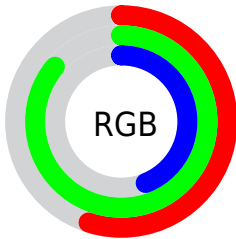
Format	Color
RYB	112, 219, 191
Decimal	9231216
CIELab	80.41, -43.78, 44.82
CIElCh	80, 62.658, 134.327
Yxy	57.4083, 0.3234, 0.4751
Android (android.graphics.Color)	4287421296 (0xFF8CDB70)
YUV	183.1810, -35.0922, -37.8697
Hunter-Lab	75.7683, -40.5474, 33.9828

Details

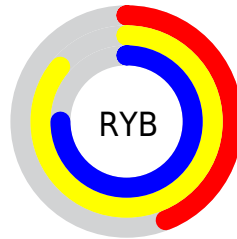
The XYZ color **39.0714, 57.4083, 24.3509** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **40.0688, 27.7810, 70.2713**, and the grayscale version is **45.3020, 47.6613, 51.9031**.

A 20% lighter version of the original color is **65.6689, 86.1435, 49.2426**, and **17.6858, 28.4626, 8.9766** is the 20% darker color. If you saturate the color by 10%, you get **35.4702, 55.6777, 18.5732**, and if you desaturate by 10%, it is **43.3724, 59.4688, 31.7117**.

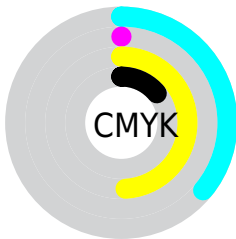
Distribution



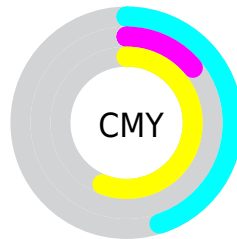
- Red (55%)
- Green (86%)
- Blue (44%)



- Red (44%)
- Yellow (86%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (49%)
- Black (14%)



- Cyan (45%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0714, 57.4083, 24.3509 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 39.0714, 57.4083, 24.3509 by changing the saturation by 10% instead.

■ 39.0714, 57.4083,
24.3509

■ 39.0714, 57.4083,
24.3509

333.3959,
414.9775, 287.9332

■ 26.9963, 41.3331,
15.3795

■ 73.0408, 101.0607,
51.5532

■ 17.7070, 28.5795,
8.9366

■ 95.6657, 129.4067,
70.6212

■ 10.8382, 18.7629,
4.6036

■ 122.5379,
162.6119, 93.8918

■ 6.0246, 11.4991,
1.9620

154.0228,
201.0605, 121.7836

■ 2.9009, 6.4036,
0.5318

190.4856,
245.1369, 154.7151

■ 1.1016, 3.0920,
0.0000

232.2919,

■ 0.0264, 1.1800,

295.2257, 193.1049

0.0000

279.8068,
351.7111, 237.3714

■ 0.0000, 0.0452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0714, 57.4083,
24.3509

■ 39.0714, 57.4083,
24.3509

■ 35.4702, 55.6777,
18.5732

■ 43.3724, 59.4688,
31.7117

■ 32.5254, 54.2521,
14.2587


■ 48.4050, 61.8683,
40.7561

■ 30.1947, 53.1141,
11.2767


■ 54.2040, 64.6242,
51.5809


■ 28.4285, 52.2418,
9.4715


■ 60.8007, 67.7508,
64.2744


 27.1589, 51.6052,
8.6012

 68.2247, 71.2615,
78.9191

 27.0374, 51.5441,
8.5240

 76.5037, 75.1691,
95.5925

 83.9602, 78.8038,
105.3932

 84.6227, 79.1453,
105.4242

Harmonies

Analogous

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



48.6821, 57.4083, 15.9877



39.0714, 57.4083, 24.3509



34.0835, 57.4083, 45.2907

Triad

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



39.0714, 57.4083, 24.3509



48.1651, 57.4083, 158.2572



82.1431, 57.4083, 46.5964

Complementary

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



39.0714, 57.4083, 24.3509



40.0688, 27.7810, 70.2713

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.



81.9462, 57.4083, 83.6141



39.0714, 57.4083, 24.3509



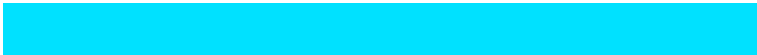
60.9034, 57.4083, 159.0565

Square

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



39.0714, 57.4083, 24.3509



38.7443, 57.4083, 126.0537



73.6925, 57.4083, 127.9364



74.1944, 57.4083, 24.9823

Rectangle

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



39.0714, 57.4083, 24.3509



33.4681, 57.4083, 67.9947



73.6925, 57.4083, 127.9364



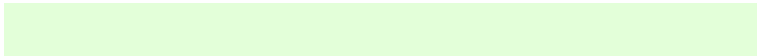
83.0624, 57.4083, 57.3245

Sweetspot

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



39.0728, 57.4108, 24.3522



79.8543, 92.8084, 79.1803



50.6551, 53.2618, 22.9409



16.6805, 19.6696, 16.1611



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.



39.0728, 57.4108, 24.3522



49.7737, 78.4525, 25.7631



36.5283, 55.9155, 32.5232



13.2044, 14.7701, 13.8805



16.1190, 30.6071, 5.0582



1.1249, 2.0244, 0.3315

Inverse Universe

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



40.0688, 27.7810, 70.2713



51.2666, 31.7749, 98.0389



44.7511, 30.5465, 54.5984



13.2646, 13.0945, 16.4805



16.4880, 7.6241, 40.3410



1.1472, 0.5347, 2.6172

Previews

White Background



This preview shows how the XYZ color 39.0714, 57.4083, 24.3509 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 39.0714, 57.4083, 24.3509 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 39.0714, 57.4083, 24.3509

Background



This preview shows how black text looks on a background with the XYZ color 39.0714, 57.4083, 24.3509.



This preview shows how white text looks on a background with the XYZ color 39.0714, 57.4083,

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

39.0714, 57.4083, 24.3509

Protanopia

52.1866, 56.9268, 21.6020

Deuteranopia

57.8030, 56.4279, 25.2979



Tritanopia

49.9302, 57.3243, 78.2451

Trichromacy



Original Color

39.0714, 57.4083, 24.3509



Protanomaly

46.0133, 56.1725, 22.6046



Deuteranomaly

48.7085, 55.4069, 24.6504



Tritanomaly

44.7904, 56.6828, 53.3799

Monochromacy



Original Color

39.0714, 57.4083, 24.3509



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

41.7621, 50.1297, 39.3732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0714, 57.4083, 24.3509 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(140, 219, 112)` looks like.

```
.text, #text, p{  
    color:rgb(140, 219, 112)  
}
```

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(140, 219, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 219, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.0714, 57.4083, 24.3509 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(140, 219, 112) }
```


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

```
.border{ border-color:rgb(140, 219, 112) }
```

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

Here you see how a box with a 4 pixel rgb(140, 219, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 219, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 219, 112);  
box-shadow:4px 4px 4px 4px rgb(140, 219,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0714, 57.4083, 24.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 219, 112) }
```

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

```
.background{ background-color: rgb(140,  
219, 112) }
```

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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