

Converting Colors

XYZ(39.8897, 55.5505, 44.3134)

Have a look what the booklet for
XYZ(39.8897, 55.5505, 44.3134)
contains.

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Color

**XYZ(39.8914, 55.4769,
44.2029)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81D6A5 |
| RGB | 129, 214, 165 |
| RGB Percent | 51%, 84%, 65% |
| CMY | 0.4941, 0.1608, 0.3529 |
| CMYK | 0.40, 0.00, 0.23, 0.16 |
| HSL | 145°, 51%, 67% |
| HSV | 145°, 40%, 84% |
| XYZ | 39.8914, 55.4769, 44.2029 |
| YIQ | 182.9990, -34.9310, -33.2590 |

Conversions

Conversions Part 2

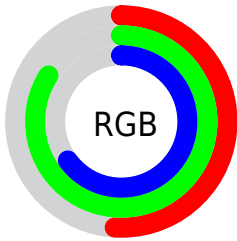
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 189, 214 |
| Decimal | 8509093 |
| CIELab | 79.32, -36.49, 16.25 |
| CIElCh | 79, 39.940, 155.998 |
| Yxy | 55.4769, 0.2858, 0.3975 |
| Android (android.graphics.Color) | 4286699173 (0xFF81D6A5) |
| YUV | 182.9990, -8.8735, -47.3571 |
| Hunter-Lab | 74.4828, -34.7442, 16.9515 |

Details

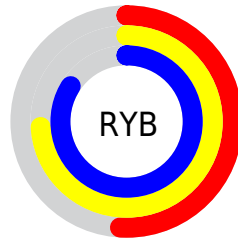
The XYZ color **39.8914, 55.4769, 44.2029** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.6196, 33.2124, 46.2334**, and the grayscale version is **45.0713, 47.4185, 51.6388**.

A 20% lighter version of the original color is **68.6859, 87.0016, 80.8830**, and **18.2028, 27.4444, 19.9607** is the 20% darker color. If you saturate the color by 10%, you get **35.9057, 53.5473, 38.4353**, and if you desaturate by 10%, it is **44.6691, 57.8053, 50.5755**.

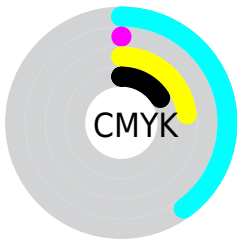
Distribution



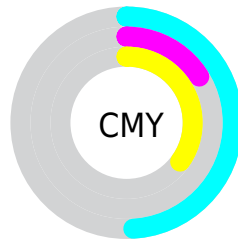
- Red (51%)
- Green (84%)
- Blue (65%)



- Red (51%)
- Yellow (74%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (49%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8914, 55.4769, 44.2029 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 39.8914, 55.4769, 44.2029 by changing the saturation by 10% instead.


 39.8914, 55.4769,
44.2029


 39.8914, 55.4769,
44.2029


336.8079,
407.7172, 379.6012


 27.6377, 39.7837,
30.4917


 74.2835, 98.2393,
82.8287

 18.1918, 27.3699,
19.9569


 97.1526, 126.0773,
108.5804

 11.1883, 17.8512,
12.1799


 124.2910,
158.7324, 139.1826

 6.2619, 10.8432,
6.7423

156.0638,
196.5889, 175.0539

 3.0471, 5.9615,
3.2255

192.8366,
240.0312, 216.6129

 1.1787, 2.8217,
1.2109

234.9746,

 0.0895, 1.0394,

289.4438, 264.2781

0.0000

282.8433,
345.2110, 318.4680

■ 0.0000, 0.0000,
0.0000

■ 39.8914, 55.4769,
44.2029

■ 39.8914, 55.4769,
44.2029

■ 35.9057, 53.5473,
38.4353

■ 44.6691, 57.8053,
50.5755

■ 32.6618, 51.9863,
33.2508

■ 50.2765, 60.5471,
57.5665

■ 30.1101, 50.7705,
28.6316


■ 56.7540, 63.7243,
65.1938


■ 28.1930, 49.8704,
24.5576


■ 64.1381, 67.3553,
73.4732


■ 26.8426, 49.2514,
21.0072


■ 72.4630, 71.4576,
82.4201

 25.9426, 48.8541,
17.9554

 80.8711, 75.5886,
92.0075

 25.9202, 48.8442,
17.8767

 82.7571, 76.3430,
101.9392

 83.3376, 76.5752,
104.9959

Harmonies

Analogous

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



44.1971, 55.4769, 31.3204



39.8914, 55.4769, 44.2029



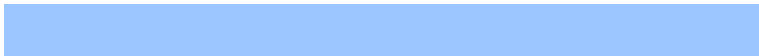
38.8662, 55.4769, 65.1250

Triad

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



39.8914, 55.4769, 44.2029



54.3525, 55.4769, 115.6454



66.1748, 55.4769, 38.0406

Complementary

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



39.8914, 55.4769, 44.2029



43.6196, 33.2124, 46.2334

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.



69.5494, 55.4769, 55.9186



39.8914, 55.4769, 44.2029



62.2941, 55.4769, 103.5015

Square

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



39.8914, 55.4769, 44.2029



46.7179, 55.4769, 110.2324



68.0621, 55.4769, 80.1490



59.2350, 55.4769, 28.4429

Rectangle

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



39.8914, 55.4769, 44.2029



40.0797, 55.4769, 81.8400



68.0621, 55.4769, 80.1490



67.7940, 55.4769, 43.0831

Sweetspot

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



39.8929, 55.4792, 44.2042



81.9633, 93.5668, 94.1368



46.5052, 59.2148, 29.7481



17.2643, 19.8901, 19.8236



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.



39.8929, 55.4792, 44.2042



54.0676, 79.9532, 58.1715



44.3540, 57.2636, 67.6959



12.4785, 13.9824, 14.3341



15.7160, 29.5417, 11.0661



0.9888, 1.7982, 0.8828

Inverse Universe

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



43.6196, 33.2124, 46.2334



60.3716, 42.2452, 61.5732



40.0333, 31.7778, 27.3482



12.7203, 12.5396, 14.4675



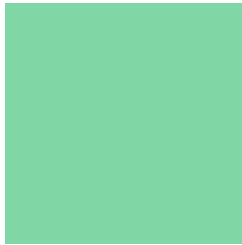
18.9899, 9.5323, 12.5166



1.1864, 0.5913, 0.9708

Previews

White Background



This preview shows how the XYZ color 39.8914, 55.4769, 44.2029 looks on a white background.

Color Contrast Check

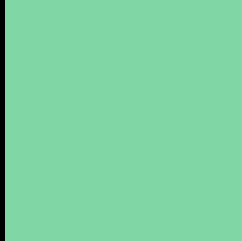
Large Text (above 18pt) WCAG AA × Fail

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 39.8914, 55.4769, 44.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

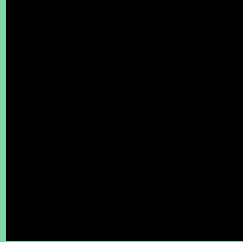
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8914, 55.4769, 44.2029

Background



This preview shows how black text looks on a background with the XYZ color 39.8914, 55.4769, 44.2029.



This preview shows how white text looks on a background with the XYZ color 39.8914, 55.4769,

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

39.8914, 55.4769, 44.2029

Protanopia

51.5283, 54.8404, 39.3219

Deuteranopia

55.7653, 54.5947, 46.1268



Tritanopia

46.5459, 55.2211, 78.0175

Trichromacy



Original Color

39.8914, 55.4769, 44.2029



Protanomaly

45.9689, 54.3280, 40.8644



Deuteranomaly

48.1139, 53.6159, 45.3491



Tritanomaly

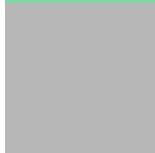
43.7777, 55.1836, 64.2213

Monochromacy



Original Color

39.8914, 55.4769, 44.2029



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.2325, 49.5047, 48.4038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8914, 55.4769, 44.2029 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(129, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(129, 214, 165)  
}
```

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(129, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 214, 165) }
```

Border

The CSS property to change the border of an element to XYZ 39.8914, 55.4769, 44.2029 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(129, 214, 165) }
```


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

```
.border{ border-color:rgb(129, 214, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 214, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(129, 214,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8914, 55.4769, 44.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 214, 165) }
```

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

```
.background{ background-color: rgb(129,  
214, 165) }
```

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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