

Converting Colors

XYZ(39.2083, 55.7791, 21.4112)

Have a look what the booklet for
XYZ(39.2083, 55.7791, 21.4112)
contains.

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Color

**XYZ(39.0724, 55.5564,
21.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	96D667
RGB	150, 214, 103
RGB Percent	59%, 84%, 40%
CMY	0.4118, 0.1608, 0.5961
CMYK	0.30, 0.00, 0.52, 0.16
HSL	95°, 58%, 62%
HSV	95°, 52%, 84%
XYZ	39.0724, 55.5564, 21.4961
YIQ	182.2100, -2.5130, -48.0890

Conversions

Conversions Part 2

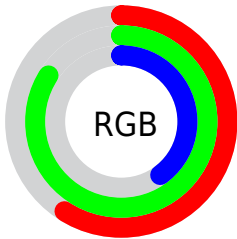
Format	Color
RYB	103, 214, 167
Decimal	9885287
CIELab	79.36, -39.26, 47.96
CIELCh	79, 61.980, 129.306
Yxy	55.5564, 0.3365, 0.4784
Android (android.graphics.Color)	4288075367 (0xFF96D667)
YUV	182.2100, -39.0505, -28.2482
Hunter-Lab	74.5362, -36.8673, 35.0762

Details

The XYZ color **39.0724, 55.5564, 21.4961** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.9267, 22.7727, 66.2815**, and the grayscale version is **44.7864, 47.1188, 51.3123**.

A 20% lighter version of the original color is **67.4929, 87.1857, 44.7238**, and **17.7150, 27.4682, 7.5002** is the 20% darker color. If you saturate the color by 10%, you get **35.9808, 54.0729, 16.4443**, and if you desaturate by 10%, it is **42.6808, 57.2779, 28.0091**.

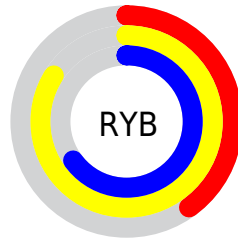
Distribution



Red (59%)

Green (84%)

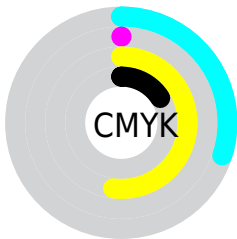
Blue (40%)



Red (40%)

Yellow (84%)

Blue (65%)

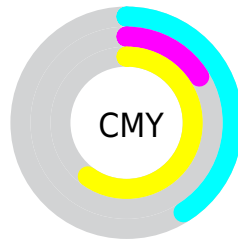


Cyan (30%)

Magenta (0%)

Yellow (52%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0724, 55.5564, 21.4961 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 39.0724, 55.5564, 21.4961 by changing the saturation by 10% instead.

■ 39.0724, 55.5564,
21.4961

■ 39.0724, 55.5564,
21.4961

333.4001,
408.0176, 272.7705

■ 26.9970, 39.8474,
13.2924

■ 73.0423, 98.3557,
46.8032

■ 17.7076, 27.4196,
7.4971

■ 95.6675, 126.2147,
64.7436

■ 10.8387, 17.8886,
3.6917

■ 122.5400,
158.8926, 86.7667

■ 6.0249, 10.8700,
1.4578

■ 154.0252,
196.7736, 113.2909

■ 2.9011, 5.9795,
0.1862

190.4885,
240.2423, 144.7349

■ 1.1017, 2.8326,
0.0000

232.2952,

■ 0.0265, 1.0450,

289.6829, 181.5171

0.0000

279.8106,
345.4798, 224.0561

■ 0.0000, 0.0000,
0.0000

■ 39.0724, 55.5564,
21.4961

■ 39.0724, 55.5564,
21.4961

■ 35.9808, 54.0729,
16.4443

■ 42.6808, 57.2779,
28.0091

■ 33.3730, 52.8080,
12.7371

■ 46.8281, 59.2416,
36.0809

■ 31.2183, 51.7501,
10.2457

■ 51.5399, 61.4602,
45.8050

■ 29.4788, 50.8832,
8.8147

■ 56.8387, 63.9437,
57.2662

■ 28.3235, 50.2997,
8.2160

■ 62.7458, 66.7011,
70.5438

■ 69.2813, 69.7413,
85.7121

■ 76.4642, 73.0726,
102.8411

■ 81.0641, 75.4033,
104.8895

■ 83.3377, 76.5754,
104.9959

Harmonies

Analogous

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



49.0354, 55.5564, 14.9812



39.0724, 55.5564, 21.4961



33.4626, 55.5564, 39.3940

Triad

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



39.0724, 55.5564, 21.4961



44.8053, 55.5564, 149.7106



80.0592, 55.5564, 50.0895

Complementary

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



39.0724, 55.5564, 21.4961



32.9267, 22.7727, 66.2815

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.



78.4511, 55.5564, 88.0298



39.0724, 55.5564, 21.4961



56.7624, 55.5564, 156.2314

Square

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



39.0724, 55.5564, 21.4961



36.3941, 55.5564, 114.9997



69.4277, 55.5564, 130.3682



73.5284, 55.5564, 26.6804

Rectangle

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



39.0724, 55.5564, 21.4961



32.3397, 55.5564, 59.6667



69.4277, 55.5564, 130.3682



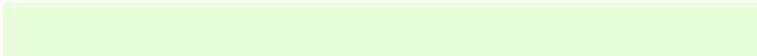
80.4726, 55.5564, 61.3238

Sweetspot

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



39.0737, 55.5588, 21.4973



81.0315, 93.4532, 77.5198



43.8000, 42.5137, 18.7302



16.9948, 19.8391, 15.8381



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.



39.0737, 55.5588, 21.4973



53.1894, 80.2565, 23.9725



32.4781, 52.1138, 23.2144



12.7558, 14.1503, 13.2197



17.2322, 30.4599, 4.9711



1.1328, 1.8853, 0.3042

Inverse Universe

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



32.9267, 22.7727, 66.2815



43.0698, 26.4502, 97.4431



43.7976, 28.4836, 61.9678



12.4215, 12.3587, 15.6683



12.4290, 5.5599, 38.8712



0.8433, 0.3836, 2.3489

Previews

White Background



This preview shows how the XYZ color 39.0724, 55.5564, 21.4961 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 39.0724, 55.5564, 21.4961 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 39.0724, 55.5564, 21.4961

Background



This preview shows how black text looks on a background with the XYZ color 39.0724, 55.5564, 21.4961.



This preview shows how white text looks on a background with the XYZ color 39.0724, 55.5564,

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

39.0724, 55.5564, 21.4961

Protanopia

50.2165, 54.9419, 19.2674

Deuteranopia

56.1814, 55.0172, 22.4101



Tritanopia

49.7118, 55.5185, 74.4257

Trichromacy



Original Color

39.0724, 55.5564, 21.4961

Protanomaly

45.3463, 54.8192, 19.9955

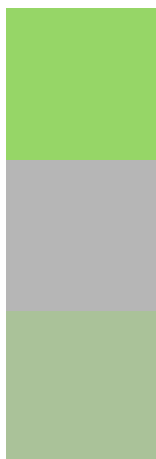
Deuteranomaly

48.3522, 54.2594, 21.8346

Tritanomaly

44.6057, 54.8543, 49.3113

Monochromacy



Original Color

39.0724, 55.5564, 21.4961

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

41.6191, 49.4295, 37.4843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0724, 55.5564, 21.4961 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, 214, 103)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 103)  
}
```

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, 214, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 103) }
```

Border

The CSS property to change the border of an element to XYZ 39.0724, 55.5564, 21.4961 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, 214, 103) }
```


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

```
.border{ border-color:rgb(150, 214, 103) }
```

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

Here you see how a box with a 4 pixel rgb(150, 214, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 103);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0724, 55.5564, 21.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 103) }
```

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

```
.background{ background-color: rgb(150,  
214, 103) }
```

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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