

Converting Colors

XYZ(35.1540, 55.7948, 11.2852)

Have a look what the booklet for
XYZ(35.1540, 55.7948, 11.2852)
contains.

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Color

**XYZ(35.1462, 55.6702,
11.2759)**

Conversions

Conversions Part 1

Format	Color
Hex	83DB2C
RGB	131, 219, 44
RGB Percent	51%, 86%, 17%
CMY	0.4863, 0.1412, 0.8274
CMYK	0.40, 0.00, 0.80, 0.14
HSL	90°, 71%, 52%
HSV	90°, 80%, 86%
XYZ	35.1462, 55.6702, 11.2759
YIQ	172.7380, 3.7270, -73.0810

Conversions

Conversions Part 2

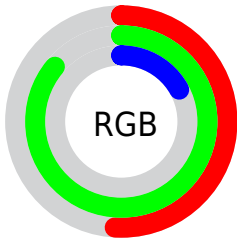
Format	Color
RYB	44, 219, 132
Decimal	8641324
CIELab	79.43, -52.44, 70.61
CIELCh	79, 87.949, 126.600
Yxy	55.6702, 0.3443, 0.5453
Android (android.graphics.Color)	4286831404 (0xFF83DB2C)
YUV	172.7380, -63.4678, -36.6042
Hunter-Lab	74.6125, -46.4894, 43.2685

Details

The XYZ color **35.1462, 55.6702, 11.2759** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **23.2056, 11.8233, 68.0801**, and the grayscale version is **39.9004, 41.9783, 45.7144**.

A 20% lighter version of the original color is **59.5450, 83.4871, 26.3409**, and **15.6957, 27.5340, 4.4873** is the 20% darker color. If you saturate the color by 10%, you get **33.2223, 54.7158, 9.5747**, and if you desaturate by 10%, it is **37.4710, 56.8097, 14.1306**.

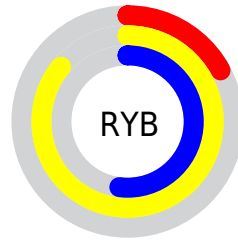
Distribution



Red (51%)

Green (86%)

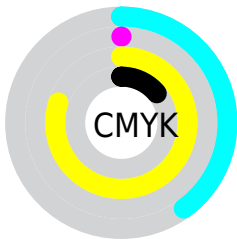
Blue (17%)



Red (17%)

Yellow (86%)

Blue (52%)

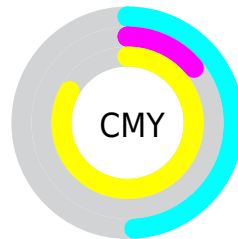


Cyan (40%)

Magenta (0%)

Yellow (80%)

Black (14%)



Cyan (49%)


Magenta (14%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1462, 55.6702, 11.2759 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 35.1462, 55.6702, 11.2759 by changing the saturation by 10% instead.


 35.1462, 55.6702,
11.2759


 35.1462, 55.6702,
11.2759


316.7099,
408.4474, 210.3557


 23.9426, 39.9386,
6.1362


 67.0447, 98.5222,
28.8136


 15.4155, 27.4906,
2.8580


 88.4703, 126.4114,
42.0488

 9.1997, 17.9421,
1.0226


 114.0339,
159.1218, 58.8195

 4.9298, 10.9084,
0.0000

 144.1009,
197.0380, 79.5444

 2.2405, 6.0053,
0.0000

 179.0367,
240.5442, 104.6418

 0.7639, 2.8483,
0.0000

 219.2065,

 0.0000, 1.0530,

290.0250, 134.5305

0.0000

264.9758,
345.8646, 169.6290

■ 0.0000, 0.0000,
0.0000

■ 35.1462, 55.6702,
11.2759

■ 35.1462, 55.6702,
11.2759

■ 33.2223, 54.7158,
9.5747

■ 37.4710, 56.8097,
14.1306

■ 31.6371, 53.9153,
8.7452

■ 40.2282, 58.1418,
18.2934

■ 31.6231, 53.9083,
8.7386

■ 43.4496, 59.6818,
23.8988

■ 47.1623, 61.4410,
31.0638

■ 51.3910, 63.4299,
39.8932

■ 56.1584, 65.6581,
50.4829

■ 61.4857, 68.1347,
62.9213

■ 67.3930, 70.8681,
77.2912

■ 73.8992, 73.8663,
93.6699

Harmonies

Analogous

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



49.1067, 55.6702, 6.2527



35.1462, 55.6702, 11.2759



27.4756, 55.6702, 29.6259

Triad

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



35.1462, 55.6702, 11.2759



40.5453, 55.6702, 200.7508



94.2983, 55.6702, 50.1150

Complementary

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



35.1462, 55.6702, 11.2759



23.2056, 11.8233, 68.0801

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.



90.5757, 55.6702, 107.9964



35.1462, 55.6702, 11.2759



56.9107, 55.6702, 217.5295

Square

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



35.1462, 55.6702, 11.2759



30.0738, 55.6702, 139.0067



75.8394, 55.6702, 176.9357



85.1071, 55.6702, 19.1677

Rectangle

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



35.1462, 55.6702, 11.2759



25.7483, 55.6702, 55.0314



75.8394, 55.6702, 176.9357



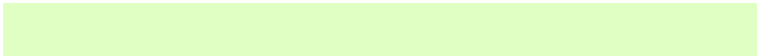
94.5414, 55.6702, 66.5649

Sweetspot

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



35.1475, 55.6726, 11.2771



76.2847, 91.2890, 64.5211



37.8541, 31.6117, 6.4902



15.8170, 19.3006, 12.6822



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.



35.1475, 55.6726, 11.2771



45.3145, 76.4391, 12.6588



26.8266, 51.3830, 10.8877



13.5000, 14.9225, 13.8944



18.8764, 32.0286, 5.1873



1.3223, 2.1262, 0.3407

Inverse Universe

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



23.2056, 11.8233, 68.0801



27.8825, 12.4532, 95.5419



42.9026, 21.9775, 69.0019



12.9596, 12.9373, 16.4662



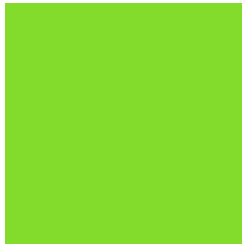
11.5310, 5.0686, 40.1090



0.8464, 0.3796, 2.6031

Previews

White Background



This preview shows how the XYZ color 35.1462, 55.6702, 11.2759 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 35.1462, 55.6702, 11.2759 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 35.1462, 55.6702, 11.2759

Background



This preview shows how black text looks on a background with the XYZ color 35.1462, 55.6702, 11.2759.



This preview shows how white text looks on a background with the XYZ color 35.1462, 55.6702,

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

35.1462, 55.6702, 11.2759

Protanopia

49.6050, 54.8354, 9.8036

Deuteranopia

56.0307, 54.8565, 11.9102



Tritanopia

48.0287, 55.3216, 75.8569

Trichromacy



Original Color

35.1462, 55.6702, 11.2759



Protanomaly

42.7149, 54.0303, 10.1851



Deuteranomaly

45.7618, 53.4919, 11.4031



Tritanomaly

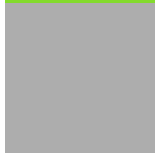
40.6553, 54.1122, 39.7544

Monochromacy



Original Color

35.1462, 55.6702, 11.2759



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

36.2799, 45.6024, 26.6286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1462, 55.6702, 11.2759 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(131, 219, 44)` looks like.

```
.text, #text, p{  
    color:rgb(131, 219, 44)  
}
```

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(131, 219, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 219, 44) }
```

Border

The CSS property to change the border of an element to XYZ 35.1462, 55.6702, 11.2759 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(131, 219, 44) }
```


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

```
.border{ border-color:rgb(131, 219, 44) }
```

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

Here you see how a box with a 4 pixel rgb(131, 219, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 219, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 219, 44);  
box-shadow:4px 4px 4px 4px rgb(131, 219,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1462, 55.6702, 11.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 219, 44) }
```

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

```
.background{ background-color: rgb(131,  
219, 44) }
```

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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