

Converting Colors

XYZ(43.5315, 59.1241, 11.6529)

Have a look what the booklet for
XYZ(43.5315, 59.1241, 11.6529)
contains.

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Color

**XYZ(43.6661, 59.2879,
11.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D92E
RGB	178, 217, 46
RGB Percent	70%, 85%, 18%
CMY	0.3020, 0.1490, 0.8196
CMYK	0.18, 0.00, 0.79, 0.15
HSL	74°, 69%, 52%
HSV	74°, 79%, 85%
XYZ	43.6661, 59.2879, 11.7270
YIQ	185.8450, 31.6470, -61.4490

Conversions

Conversions Part 2

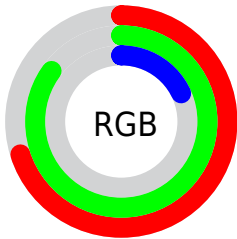
Format	Color
RYB	46, 217, 85
Decimal	11721006
CIELab	81.45, -34.23, 72.86
CIELCh	81, 80.501, 115.166
Yxy	59.2879, 0.3808, 0.5170
Android (android.graphics.Color)	4289911086 (0xFFB2D92E)
YUV	185.8450, -68.9436, -6.8801
Hunter-Lab	76.9986, -33.5199, 44.8691

Details

The XYZ color **43.6661, 59.2879, 11.7270** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **17.2498, 8.8965, 66.4571**, and the grayscale version is **46.9485, 49.3935, 53.7895**.

A 20% lighter version of the original color is **73.3389, 90.5861, 27.5294**, and **20.8055, 29.9056, 4.6758** is the 20% darker color. If you saturate the color by 10%, you get **42.2268, 58.5855, 9.9635**, and if you desaturate by 10%, it is **45.3651, 60.1032, 14.6323**.

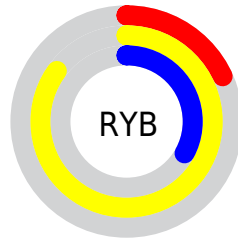
Distribution



Red (70%)

Green (85%)

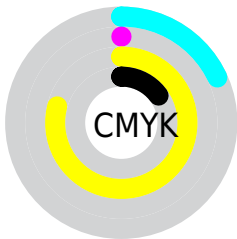
Blue (18%)



Red (18%)

Yellow (85%)

Blue (33%)

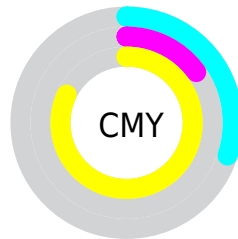


Cyan (18%)

Magenta (0%)

Yellow (79%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6661, 59.2879, 11.7270 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 43.6661, 59.2879, 11.7270 by changing the saturation by 10% instead.

■ 43.6661, 59.2879,
11.7270

■ 43.6661, 59.2879,
11.7270

352.2192,
421.9680, 213.5029

■ 30.6049, 42.8449,
6.4378

■ 79.9645, 103.7960,
29.6538

■ 20.4485, 29.7635,
3.0400

■ 103.9325,
132.6299, 43.1285

■ 12.8316, 19.6591,
1.1151

■ 132.2667,
166.3629, 60.1688

■ 7.3889, 12.1475,
0.0000

■ 165.3325,
205.3793, 81.1932

■ 3.7550, 6.8442,
0.0000

■ 203.4953,
250.0637, 106.6203

■ 1.5645, 3.3649,
0.0000

247.1205,

■ 0.3691, 1.3251,

300.8003, 136.8686

0.0000

296.5733,
357.9736, 172.3566

■ 0.0000, 0.1605,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6661, 59.2879,
11.7270

■ 43.6661, 59.2879,
11.7270

■ 42.2268, 58.5855,
9.9635

■ 45.3651, 60.1032,
14.6323

■ 40.9981, 57.9698,
9.1033

■ 47.3489, 61.0351,
18.8268

■ 40.8574, 57.8989,
9.0222

■ 49.6434, 62.0961,
24.4397

■ 52.2706, 63.2951,
31.5836

■ 55.2499, 64.6398,
40.3598

■ 58.5995, 66.1376,
50.8609

■ 62.3360, 67.7952,
63.1726

■ 66.4749, 69.6188,
77.3749

■ 71.0308, 71.6144,
93.5429

Harmonies

Analogous

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



59.1259, 59.2879, 9.2125



43.6661, 59.2879, 11.7270



33.7217, 59.2879, 24.7352

Triad

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



43.6661, 59.2879, 11.7270



39.7969, 59.2879, 174.5961



95.1932, 59.2879, 72.6935

Complementary

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



43.6661, 59.2879, 11.7270



17.2498, 8.8965, 66.4571

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.



87.3479, 59.2879, 133.3840



43.6661, 59.2879, 11.7270



53.6650, 59.2879, 208.1806

Square

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



43.6661, 59.2879, 11.7270



31.8198, 59.2879, 112.5979



71.2823, 59.2879, 190.2187



91.0559, 59.2879, 32.5898

Rectangle

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



43.6661, 59.2879, 11.7270



30.4759, 59.2879, 43.5936



71.2823, 59.2879, 190.2187



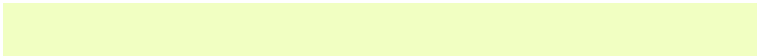
93.8316, 59.2879, 91.3433

Sweetspot

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



43.6675, 59.2906, 11.7283



81.7644, 94.1139, 64.7776



32.2077, 21.1450, 4.9694



17.1388, 19.9820, 12.7440



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.



43.6675, 59.2906, 11.7283



59.5815, 83.7922, 13.4056



29.9705, 52.2295, 11.0872



13.8567, 15.1064, 13.9111



24.8275, 35.0965, 5.4658



1.6809, 2.3111, 0.3575

Inverse Universe

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



17.2498, 8.8965, 66.4571



20.5752, 8.7307, 95.2085



29.7694, 15.3506, 67.0430



12.6152, 12.7597, 16.4501



8.4394, 3.4749, 39.9643



0.6223, 0.2641, 2.5926

Previews

White Background



This preview shows how the XYZ color 43.6661, 59.2879, 11.7270 looks on a white background.

Color Contrast Check

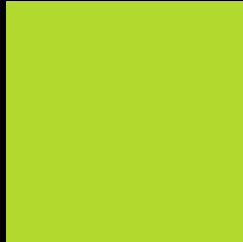
Large Text (above 18pt) WCAG AA × Fail

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 43.6661, 59.2879, 11.7270 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 43.6661, 59.2879, 11.7270

Background



This preview shows how black text looks on a background with the XYZ color 43.6661, 59.2879, 11.7270.



This preview shows how white text looks on a background with the XYZ color 43.6661, 59.2879,

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

43.6661, 59.2879, 11.7270

Protanopia

53.2170, 58.7391, 10.7234

Deuteranopia

60.1214, 58.8874, 12.2007



Tritanopia

56.2811, 58.9051, 74.7332

Trichromacy



Original Color

43.6661, 59.2879, 11.7270

Protanomaly

49.0434, 58.3554, 10.9644

Deuteranomaly

52.9165, 58.2084, 11.9364

Tritanomaly

49.2155, 57.8110, 39.5751

Monochromacy



Original Color

43.6661, 59.2879, 11.7270

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

43.8679, 51.7491, 30.5982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6661, 59.2879, 11.7270 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(178, 217, 46)` looks like.

```
.text, #text, p{  
    color:rgb(178, 217, 46)  
}
```

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(178, 217, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 217, 46) }
```

Border

The CSS property to change the border of an element to XYZ 43.6661, 59.2879, 11.7270 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(178, 217, 46) }
```


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

```
.border{ border-color:rgb(178, 217, 46) }
```

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

Here you see how a box with a 4 pixel rgb(178, 217, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 217, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 217, 46);  
box-shadow:4px 4px 4px 4px rgb(178, 217,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6661, 59.2879, 11.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 217, 46) }
```

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

```
.background{ background-color: rgb(178,  
217, 46) }
```

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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