

Converting Colors

YUV(111.2890, -15.4255,
-45.8575)

Have a look what the booklet for
YUV(111.2890, -15.4255, -45.8575)
contains.

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Color

**YUV(111.2890, -15.4255,
-45.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	3B9050
RGB	59, 144, 80
RGB Percent	23%, 56%, 31%
CMY	0.7686, 0.4353, 0.6863
CMYK	0.59, 0.00, 0.44, 0.44
HSL	135°, 42%, 40%
HSV	135°, 59%, 56%
XYZ	13.2249, 21.4555, 11.0337
YIQ	111.2890, -30.1160, -37.9240

Conversions

Conversions Part 2

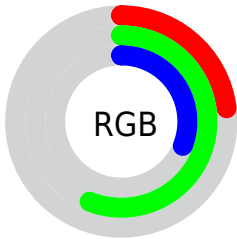
Format	Color
RYB	59, 127, 144
Decimal	3903568
CIELab	53.44, -40.24, 26.49
CIElCh	53, 48.174, 146.643
Yxy	21.4555, 0.2893, 0.4693
Android (android.graphics.Color)	4282093648 (0xFF3B9050)
YUV	111.2890, -15.4255, -45.8575
Hunter-Lab	46.3201, -30.0966, 18.3008

Details

The YUV color **111.2890, -15.4255, -45.8575** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.7110, 15.4255, 45.8575**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7190, -17.6095, -45.3576**, and **58.3530, -12.4990, -51.1756** is the 20% darker color. If you saturate the color by 10%, you get **105.8490, -18.1666, -53.3646**, and if you desaturate by 10%, it is **116.7290, -12.6844, -38.3503**.

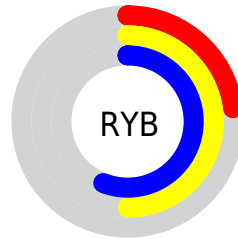
Distribution



Red (23%)

Green (56%)

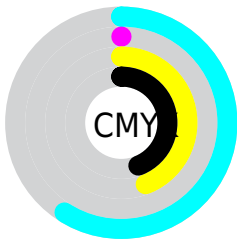
Blue (31%)



Red (23%)

Yellow (50%)

Blue (56%)

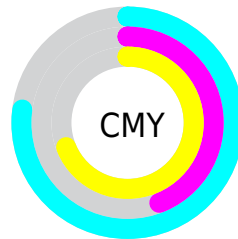


Cyan (59%)

Magenta (0%)

Yellow (44%)

Black (44%)



Cyan (77%)

Magenta (44%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2890, -15.4255, -45.8575 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 YUV color 111.2890, -15.4255, -45.8575 by changing the saturation by 10% instead.

■ 111.2890,
-15.4255, -45.8575

■ 111.2890,
-15.4255, -45.8575

■ 255.0000, 0.0000,
0.0000

■ 84.0220, -13.8148,
-49.1313

■ 165.7190,
-17.6095, -45.3576

■ 58.3530, -12.4990,
-51.1756

■ 193.4910,
-18.4831, -45.1576

■ 41.1700, -14.8738,
-36.1061

■ 221.1920,
-18.3357, -45.7724

■ 26.4150, -13.0226,
-23.1660

■ 232.9410,
-10.8169, -30.6433

■ 11.7400, -5.7878,
-10.2960

■ 244.9180, -2.4246,
-15.7141

■ 0.0000, 0.0000,
0.0000

■ 111.2890,
-15.4255, -45.8575

■ 111.2890,
-15.4255, -45.8575

■ 105.8490,
-18.1666, -53.3646

■ 116.7290,
-12.6844, -38.3503

■ 100.1100,
-20.7602, -61.4865

■ 122.4680,
-10.0907, -30.2284

■ 94.6700, -23.5013,
-68.9936

■ 127.9080, -7.3496,
-22.7213

■ 89.0450, -25.6582,
-77.2155

■ 133.5330, -5.1928,
-14.4994

■ 88.6320, -25.9476,
-77.7303

■ 138.9730, -2.4517,
-6.9923

■ 144.4130, 0.2894,
0.5148

■ 150.1520, 2.8831,
8.6367

■ 155.5920, 5.6241,

16.1438

■ 161.3310, 8.2178,
24.2657

Harmonies

Analogous

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



119.5040, -34.7585, -4.8270



111.2890, -15.4255, -45.8575



100.6700, 10.0227, -88.2876

Triad

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



111.2890, -15.4255, -45.8575



102.5980, 52.9492, -89.9784



126.4770, -16.5042, 67.1107

Complementary

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



111.2890, -15.4255, -45.8575



91.7110, 15.4255, 45.8575

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.



128.4930, 2.7150, 62.7116



111.2890, -15.4255, -45.8575



129.0600, 35.9594, -7.0686

Square

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



111.2890, -15.4255, -45.8575



106.2850, 44.2295, -93.2119



131.7360, 20.8362, 37.0655



125.7360, -32.9008, 52.8515

Rectangle

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



111.2890, -15.4255, -45.8575



103.9760, 22.6898, -91.1870



131.7360, 20.8362, 37.0655



126.4970, -10.1050, 67.9701

Sweetspot

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



111.2890, -15.4255, -45.8575



173.2830, -6.0555, -17.7882



128.3300, -34.1797, -3.7974



86.3100, -3.6038, -10.7959



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.2890, -15.4255, -45.8575



135.2460, -23.7853, -71.2527



115.9630, 2.4832, -49.9566



68.3370, -1.1521, -3.8035



83.0070, -24.6535, -72.7971



4.9240, -1.4415, -4.3183

Inverse Universe

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



91.7110, 15.4255, 45.8575



104.7540, 23.7853, 71.2527



87.0370, -2.4832, 49.9566



66.7770, 1.5889, 3.7036



51.9930, 24.6535, 72.7971



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 111.2890, -15.4255, -45.8575 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.2890, -15.4255, -45.8575 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 × Fail

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

YUV 111.2890, -15.4255, -45.8575 Background



This preview shows how black text looks on a background with the YUV color 111.2890, -15.4255, -45.8575.



This preview shows how white text looks on a background with the YUV color 111.2890, -15.4255, -45.8575.

-45.8575.

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

111.2890, -15.4255, -45.8575

Protanopia

124.5460, -24.9192, 12.6762

Deuteranopia

126.1650, -20.2943, 22.6573



Tritanopia

119.6130, 13.5018, -37.3716

Trichromacy



Original Color

111.2890, -15.4255, -45.8575

Protanomaly

119.6250, -21.5071, -8.4411

Deuteranomaly

120.4670, -18.4712, -2.1636

Tritanomaly

116.5450, 3.1823, -40.8200

Monochromacy



Original Color

111.2890, -15.4255, -45.8575

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1090, -5.4767, -16.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2890, -15.4255, -45.8575 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(59, 144, 80)` looks like.

```
.text, #text, p{  
    color:rgb(59, 144, 80)  
}
```

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(59, 144, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 144, 80) }
```

Border

The CSS property to change the border of an element to YUV 111.2890, -15.4255, -45.8575 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(59, 144, 80) }
```


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

```
.border{ border-color:rgb(59, 144, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 144, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 144, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 144, 80);  
box-shadow:4px 4px 4px 4px rgb(59, 144,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 111.2890, -15.4255, -45.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 144, 80) }
```

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

```
.background{ background-color: rgb(59, 144,  
80) }
```

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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