

Converting Colors

YUV(115.9020, -15.2347,
-60.4271)

Have a look what the booklet for
YUV(115.9020, -15.2347, -60.4271)
contains.

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Color

**YUV(115.9020, -15.2347,
-60.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9D55
RGB	47, 157, 85
RGB Percent	18%, 62%, 33%
CMY	0.8157, 0.3843, 0.6667
CMYK	0.70, 0.00, 0.46, 0.38
HSL	141°, 54%, 40%
HSV	141°, 70%, 62%
XYZ	14.8690, 25.3742, 12.7084
YIQ	115.9020, -42.4480, -45.7120

Conversions

Conversions Part 2

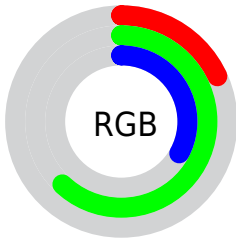
Format	Color
RYB	47, 129, 157
Decimal	3120469
CIELab	57.44, -47.13, 28.88
CIELCh	57, 55.275, 148.504
Yxy	25.3742, 0.2808, 0.4792
Android (android.graphics.Color)	4281310549 (0xFF2F9D55)
YUV	115.9020, -15.2347, -60.4271
Hunter-Lab	50.3728, -35.4630, 20.3029

Details

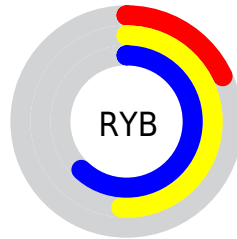
The YUV color **115.9020, -15.2347, -60.4271** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **88.0980, 15.2347, 60.4271**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5280, -18.0083, -57.4681**, and **65.3800, -13.4983, -57.3383** is the 20% darker color. If you saturate the color by 10%, you get **109.9780, -17.2442, -69.2637**, and if you desaturate by 10%, it is **121.8260, -13.2252, -51.5904**.

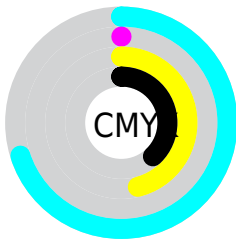
Distribution



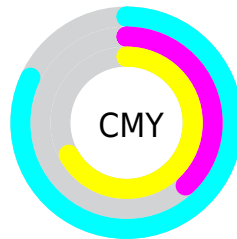
- Red (18%)
- Green (62%)
- Blue (33%)



- Red (18%)
- Yellow (51%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9020, -15.2347, -60.4271 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 115.9020, -15.2347, -60.4271 by changing the saturation by 10% instead.

■ 115.9020,
-15.2347, -60.4271

■ 115.9020,
-15.2347, -60.4271

■ 255.0000, 0.0000,
0.0000

■ 83.2640, -10.9762,
-73.0225

■ 172.5280,
-18.0083, -57.4681

■ 65.3800, -13.4983,
-57.3383

■ 200.5990,
-19.0293, -56.6533

■ 47.9690, -16.7467,
-42.0688

■ 220.3810,
-14.9778, -49.4461

■ 32.2850, -15.9165,
-28.3139

■ 232.2440, -7.0223,
-34.4170

■ 19.3710, -9.5499,
-16.9884

■ 244.4060, 0.7858,
-18.7731

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 115.9020,
-15.2347, -60.4271

■ 115.9020,
-15.2347, -60.4271

■ 109.9780,
-17.2442, -69.2637

■ 121.8260,
-13.2252, -51.5904

■ 104.2390,
-19.8378, -77.3856

■ 127.5650,
-10.6315, -43.4685

■ 98.3150, -21.8473,
-86.2223

■ 133.4890, -8.6221,
-34.6319

■ 139.4130, -6.6126,
-25.7952

■ 145.3370, -4.6031,
-16.9585

■ 151.0760, -2.0095,
-8.8367

■ 157.0000, 0.0000,
0.0000

■ 162.9240, 2.0095,
8.8367

■ 168.5490, 4.1663,
17.0585

Harmonies

Analogous

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



127.9890, -40.4206, -8.7604



115.9020, -15.2347, -60.4271



109.7830, 11.9390, -96.2797

Triad

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



115.9020, -15.2347, -60.4271



111.3180, 60.9752, -97.6259



135.0330, -19.7363, 77.1471

Complementary

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



115.9020, -15.2347, -60.4271



88.0980, 15.2347, 60.4271

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.



137.1570, 2.3876, 74.4073



115.9020, -15.2347, -60.4271



139.4500, 41.1902, -4.7796

Square

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



115.9020, -15.2347, -60.4271



116.6520, 50.9506, -102.3038



141.7740, 23.2824, 45.8022



134.7600, -39.3217, 58.9695

Rectangle

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



115.9020, -15.2347, -60.4271



113.5450, 26.3533, -99.5790



141.7740, 23.2824, 45.8022



135.8790, -12.7583, 79.0361

Sweetspot

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



115.9020, -15.2347, -60.4271



187.9510, -5.8918, -23.6360



133.3970, -42.5937, -11.7492



92.5870, -3.7404, -13.6698



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



115.9020, -15.2347, -60.4271



140.1030, -23.7148, -93.9293



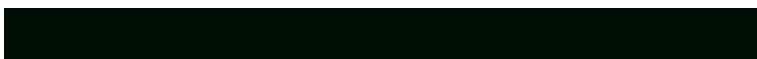
122.0580, 8.3524, -65.8259



76.0380, -1.0047, -4.4183



89.5270, -19.9798, -78.5152



9.3750, -2.1569, -8.2219

Inverse Universe

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



88.0980, 15.2347, 60.4271



96.8970, 23.7148, 93.9293



81.9420, -8.3524, 65.8259



73.9620, 1.0047, 4.4183



53.3590, 19.5430, 78.6152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 115.9020, -15.2347, -60.4271 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 115.9020, -15.2347, -60.4271 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 115.9020, -15.2347, -60.4271 Background



This preview shows how black text looks on a background with the YUV color 115.9020, -15.2347, -60.4271.



This preview shows how white text looks on a background with the YUV color 115.9020, -15.2347, -60.4271.

-60.4271.

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

115.9020, -15.2347, -60.4271

Protanopia

134.1610, -27.6874, 13.8908

Deuteranopia

136.3070, -22.3364, 24.2868



Tritanopia

126.9430, 16.2971, -47.3080

Trichromacy



Original Color

115.9020, -15.2347, -60.4271

Protanomaly

127.5490, -22.9487, -12.7595

Deuteranomaly

128.5050, -19.4760, -6.5819

Tritanomaly

122.9350, 4.9620, -51.6860

Monochromacy



Original Color

115.9020, -15.2347, -60.4271

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0760, -5.4605, -21.9917

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9020, -15.2347, -60.4271 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(47, 157, 85)` looks like.

```
.text, #text, p{  
    color:rgb(47, 157, 85)  
}
```

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(47, 157, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 85) }
```

Border

The CSS property to change the border of an element to YUV 115.9020, -15.2347, -60.4271 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(47, 157, 85) }
```


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

```
.border{ border-color:rgb(47, 157, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 157, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 157, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 157, 85);  
box-shadow:4px 4px 4px 4px rgb(47, 157,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 115.9020, -15.2347, -60.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 85) }
```

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

```
.background{ background-color: rgb(47, 157,  
85) }
```

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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