

Converting Colors

YUV(116.5400, -22.9442,
-60.9866)

Have a look what the booklet for
YUV(116.5400, -22.9442, -60.9866)
contains.

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Color

**YUV(116.5400, -22.9442,
-60.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA146
RGB	47, 161, 70
RGB Percent	18%, 63%, 27%
CMY	0.8157, 0.3686, 0.7255
CMYK	0.71, 0.00, 0.57, 0.37
HSL	132°, 55%, 41%
HSV	132°, 71%, 63%
XYZ	15.0227, 26.5363, 10.1246
YIQ	116.5400, -38.7330, -52.4690

Conversions

Conversions Part 2

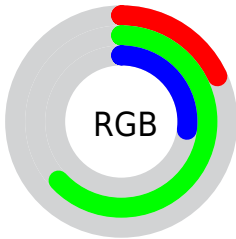
Format	Color
RYB	47, 142, 161
Decimal	3121478
CIELab	58.54, -50.97, 37.91
CIElCh	59, 63.522, 143.355
Yxy	26.5363, 0.2907, 0.5134
Android (android.graphics.Color)	4281311558 (0xFF2FA146)
YUV	116.5400, -22.9442, -60.9866
Hunter-Lab	51.5134, -38.0931, 24.4063

Details

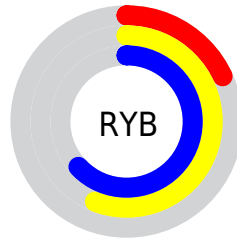
The YUV color **116.5400, -22.9442, -60.9866** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91.4600, 22.9442, 60.9866**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7640, -26.0127, -56.7980**, and **65.6760, -22.5183, -57.5979** is the 20% darker color. If you saturate the color by 10%, you get **110.2740, -26.2641, -69.5233**, and if you desaturate by 10%, it is **122.8060, -19.6244, -52.4499**.

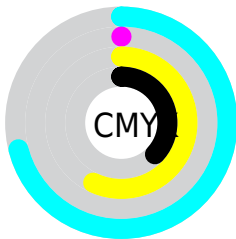
Distribution



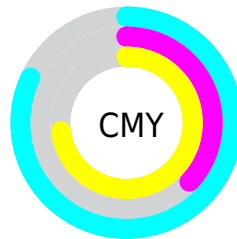
- Red (18%)
- Green (63%)
- Blue (27%)



- Red (18%)
- Yellow (56%)
- Blue (63%)



- Cyan (71%)
- Magenta (0%)
- Yellow (57%)
- Black (37%)





- Cyan (82%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.5400, -22.9442, -60.9866 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 116.5400, -22.9442, -60.9866 by changing the saturation by 10% instead.


 116.5400,
-22.9442, -60.9866


 116.5400,
-22.9442, -60.9866


255.0000, 0.0000,
0.0000


 83.7880, -19.1225,
-73.4821


 173.7640,
-26.0127, -56.7980


 65.6760, -22.5183,
-57.5979


 202.1230,
-27.1756, -57.1129

 48.7210, -24.0195,
-42.7283

 219.1550,
-22.2614, -46.6169

 34.0460, -16.7847,
-29.8583

 231.0180,
-14.3059, -31.5878

 21.1320, -10.4181,
-18.5328

 243.2940, -6.0609,
-16.0438

 0.0000, 0.0000,
0.0000

■ 116.5400,
-22.9442, -60.9866

■ 116.5400,
-22.9442, -60.9866

■ 110.2740,
-26.2641, -69.5233

■ 122.8060,
-19.6244, -52.4499

■ 104.0080,
-29.5839, -78.0600

■ 129.0720,
-16.3045, -43.9131

■ 98.1550, -32.6144,
-86.0819

■ 135.3380,
-12.9846, -35.3764

■ 141.4900,
-10.1016, -26.7397

■ 148.0550, -6.9291,
-17.5882

■ 154.3210, -3.6093,
-9.0515

■ 160.5870, -0.2894,
-0.5148

■ 166.8530, 3.0305,

8.0219

■ 173.1190, 6.3503,
16.5586

Harmonies

Analogous

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



128.4770, -53.9722, -2.1723



116.5400, -22.9442, -60.9866



111.8060, 6.9976, -98.0539

Triad

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



116.5400, -22.9442, -60.9866



117.3650, 66.3751, -102.9291



135.1040, -17.3063, 91.1168

Complementary

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



116.5400, -22.9442, -60.9866



91.4600, 22.9442, 60.9866

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.



138.2320, 8.7596, 83.9885



116.5400, -22.9442, -60.9866



139.3970, 51.5693, -20.5192

Square

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



116.5400, -22.9442, -60.9866



121.2000, 53.1454, -106.2924



144.5380, 31.2868, 45.1322



136.1530, -41.9804, 71.7798

Rectangle

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



116.5400, -22.9442, -60.9866



116.8390, 23.7434, -102.4678



144.5380, 31.2868, 45.1322



135.4060, -8.5812, 92.6059

Sweetspot

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



116.5400, -22.9442, -60.9866



191.8540, -8.8020, -23.5510



141.1270, -46.4046, -2.7424



94.5330, -5.1928, -14.4994



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



116.5400, -22.9442, -60.9866



139.5900, -35.7869, -95.2334



123.0380, 1.9533, -66.6853



78.5110, -1.7309, -4.8331



88.4210, -29.2946, -77.5452



11.0220, -3.4618, -9.6663

Inverse Universe

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



91.4600, 22.9442, 60.9866



100.4100, 35.7869, 95.2334



84.9620, -1.9533, 66.6853



76.4890, 1.7309, 4.8331



56.5790, 29.2946, 77.5452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 116.5400, -22.9442, -60.9866 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 116.5400, -22.9442, -60.9866 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 116.5400, -22.9442, -60.9866 Background



This preview shows how black text looks on a background with the YUV color 116.5400, -22.9442, -60.9866.



This preview shows how white text looks on a background with the YUV color 116.5400, -22.9442, -60.9866.

-60.9866.

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

116.5400, -22.9442, -60.9866

Protanopia

135.7070, -35.8446, 16.9200

Deuteranopia

138.0920, -29.6254, 28.8603



Tritanopia

130.2420, 16.1497, -46.6932

Trichromacy



Original Color

116.5400, -22.9442, -60.9866

Protanomaly

129.0840, -31.1004, -11.4747

Deuteranomaly

130.1650, -27.1963, -3.6527

Tritanomaly

125.4250, 1.7625, -52.1157

Monochromacy



Original Color

116.5400, -22.9442, -60.9866

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9790, -8.3706, -21.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5400, -22.9442, -60.9866 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, 161, 70)` looks like.

```
.text, #text, p{  
    color:rgb(47, 161, 70)  
}
```

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, 161, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 161, 70) }
```

Border

The CSS property to change the border of an element to YUV 116.5400, -22.9442, -60.9866 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, 161, 70) }
```


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

```
.border{ border-color:rgb(47, 161, 70) }
```

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

Here you see how a box with a 4 pixel rgb(47, 161, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 161, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 161, 70);  
box-shadow:4px 4px 4px 4px rgb(47, 161,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 116.5400, -22.9442, -60.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 161, 70) }
```

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

```
.background{ background-color: rgb(47, 161,  
70) }
```

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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