

Converting Colors

YUV(113.5090, -25.8869,
-50.4354)

Have a look what the booklet for
YUV(113.5090, -25.8869, -50.4354)
contains.

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Color

**YUV(113.5090, -25.8869,
-50.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	38993D
RGB	56, 153, 61
RGB Percent	22%, 60%, 24%
CMY	0.7804, 0.4000, 0.7608
CMYK	0.63, 0.00, 0.60, 0.40
HSL	123°, 46%, 41%
HSV	123°, 63%, 60%
XYZ	13.8644, 23.9601, 8.3089
YIQ	113.5090, -28.2800, -49.1760

Conversions

Conversions Part 2

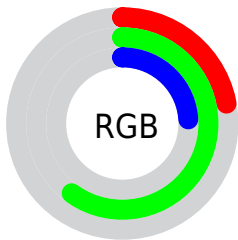
Format	Color
RYB	56, 148, 153
Decimal	3709245
CIELab	56.05, -47.35, 39.39
CIELCh	56, 61.590, 140.243
Yxy	23.9601, 0.3005, 0.5194
Android (android.graphics.Color)	4281899325 (0xFF38993D)
YUV	113.5090, -25.8869, -50.4354
Hunter-Lab	48.9491, -35.1023, 24.2001

Details

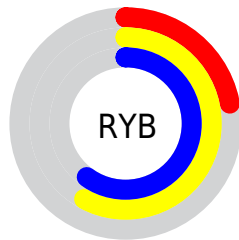
The YUV color **113.5090, -25.8869, -50.4354** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **95.4910, 25.8869, 50.4354**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9500, -28.0763, -48.1911**, and **60.1990, -25.7341, -52.7945** is the 20% darker color. If you saturate the color by 10%, you get **107.3140, -30.2278, -58.1574**, and if you desaturate by 10%, it is **119.7040, -21.5461, -42.7134**.

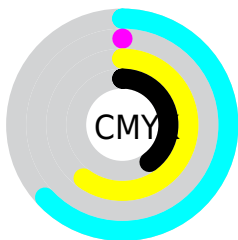
Distribution



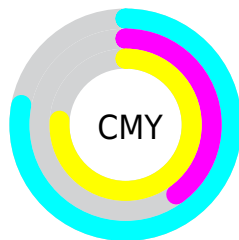
- Red (22%)
- Green (60%)
- Blue (24%)



- Red (22%)
- Yellow (58%)
- Blue (60%)



- Cyan (63%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)





- Cyan (78%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.5090, -25.8869, -50.4354 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 113.5090, -25.8869, -50.4354 by changing the saturation by 10% instead.


 113.5090,
-25.8869, -50.4354


 113.5090,
-25.8869, -50.4354


255.0000, 0.0000,
0.0000

 83.7470, -23.5393,
-56.7831


 168.9500,
-28.0763, -48.1911


 60.1990, -25.7341,
-52.7945


 197.3090,
-29.2393, -48.5060


 44.6120, -21.9937,
-39.1247

 219.6240,
-26.9296, -42.6432

 30.5240, -15.0483,
-26.7695

 231.0740,
-19.2635, -28.1289

 17.0230, -8.3923,
-14.9292

 243.3500,
-11.0186, -12.5850

 0.0000, 0.0000,
0.0000

 254.3160, -2.6208,

0.5999

■ 113.5090,
-25.8869, -50.4354

■ 113.5090,
-25.8869, -50.4354

■ 107.3140,
-30.2278, -58.1574

■ 119.7040,
-21.5461, -42.7134

■ 100.9340,
-33.9845, -66.5941

■ 126.0840,
-17.7894, -34.2767

■ 94.7390, -38.3253,
-74.3161

■ 132.2790,
-13.4485, -26.5547

■ 90.7230, -40.7824,
-79.5641

■ 138.3600, -9.5445,
-18.7327

■ 144.8540, -5.3510,
-10.3960

■ 150.9350, -1.4470,
-2.5740

■ 157.1300, 2.8939,
5.1480

■ 163.2110, 6.7980,
12.9700

■ 169.7050, 10.9914,
21.3067

Harmonies

Analogous

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



122.9830, -54.7146, 2.6459



113.5090, -25.8869, -50.4354



105.7420, 4.0712, -92.7357

Triad

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



113.5090, -25.8869, -50.4354



113.0620, 62.5804, -99.1554



129.0050, -13.8065, 88.5726

Complementary

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



113.5090, -25.8869, -50.4354



95.4910, 25.8869, 50.4354

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.



132.6550, 10.5231, 78.3556



113.5090, -25.8869, -50.4354



131.2280, 51.1596, -29.1410

Square

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



113.5090, -25.8869, -50.4354



116.1960, 49.2034, -101.9039



137.8360, 32.6189, 37.8548



129.7770, -38.3441, 72.1096

Rectangle

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



113.5090, -25.8869, -50.4354



110.6610, 20.3801, -97.0497



137.8360, 32.6189, 37.8548



129.1820, -5.5127, 88.4174

Sweetspot

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



113.5090, -25.8869, -50.4354



183.5340, -10.1233, -19.7623



140.4470, -41.6324, 6.6240



90.0280, -5.9298, -11.4256



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



113.5090, -25.8869, -50.4354



137.5490, -40.2037, -78.5345



118.9810, -4.9206, -55.2343



73.6960, -2.3151, -4.1184



82.9780, -37.4572, -72.7717



7.7450, -3.3253, -6.7924

Inverse Universe

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



95.4910, 25.8869, 50.4354



109.4510, 40.2037, 78.5345



90.0190, 4.9206, 55.2343



72.1900, 1.8783, 4.2184



57.0220, 37.4572, 72.7717



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 113.5090, -25.8869, -50.4354 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 113.5090, -25.8869, -50.4354 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 113.5090, -25.8869, -50.4354 Background



This preview shows how black text looks on a background with the YUV color 113.5090, -25.8869, -50.4354.



This preview shows how white text looks on a background with the YUV color 113.5090, -25.8869, -50.4354.

-50.4354.

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

113.5090, -25.8869, -50.4354

Protanopia

129.4790, -36.7181, 17.1199

Deuteranopia

131.3370, -31.2251, 28.6455



Tritanopia

125.5310, 14.5282, -39.9307

Trichromacy



Original Color

113.5090, -25.8869, -50.4354

Protanomaly

123.6500, -32.8584, -7.5860

Deuteranomaly

124.6170, -29.3912, 0.3359

Tritanomaly

121.3120, -0.1538, -44.1236

Monochromacy



Original Color

113.5090, -25.8869, -50.4354

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7730, -9.2551, -18.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5090, -25.8869, -50.4354 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(56, 153, 61)` looks like.

```
.text, #text, p{  
    color:rgb(56, 153, 61)  
}
```

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(56, 153, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 153, 61) }
```

Border

The CSS property to change the border of an element to YUV 113.5090, -25.8869, -50.4354 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(56, 153, 61) }
```


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

```
.border{ border-color:rgb(56, 153, 61) }
```

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

Here you see how a box with a 4 pixel rgb(56, 153, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 153, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 153, 61);  
box-shadow:4px 4px 4px 4px rgb(56, 153,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 113.5090, -25.8869, -50.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 153, 61) }
```

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

```
.background{ background-color: rgb(56, 153,  
61) }
```

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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