

Converting Colors

YUV(105.5800, -36.7679,
-13.6637)

Have a look what the booklet for
YUV(105.5800, -36.7679, -13.6637)
contains.

YUV(105.5800, -36.7679, -13.6637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.5800, -36.7679,
-13.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	5A801F
RGB	90, 128, 31
RGB Percent	35%, 50%, 12%
CMY	0.6471, 0.4980, 0.8784
CMYK	0.30, 0.00, 0.76, 0.50
HSL	84°, 61%, 31%
HSV	84°, 76%, 50%
XYZ	12.1829, 17.7109, 4.0728
YIQ	105.5800, 8.4890, -38.2230

Conversions

Conversions Part 2

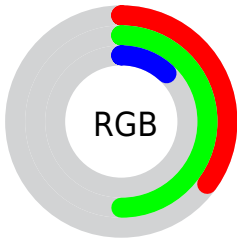
Format	Color
R_{YB}	31, 128, 69
Decimal	5931039
CIE _{Lab}	49.14, -28.69, 45.43
CIE _{LCh}	49, 53.731, 122.274
Yxy	17.7109, 0.3587, 0.5214
Android (android.graphics.Color)	4284121119 (0xFF5A801F)
YUV	105.5800, -36.7679, -13.6637
Hunter-Lab	42.0844, -21.9739, 23.7212

Details

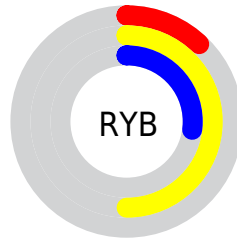
The YUV color **105.5800, -36.7679, -13.6637** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **53.4200, 36.7679, 13.6637**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4660, -37.2047, -13.5637**, and **57.4470, -28.3214, -16.1780** is the 20% darker color. If you saturate the color by 10%, you get **102.6030, -41.7093, -15.4378**, and if you desaturate by 10%, it is **108.5570, -31.8266, -11.8895**.

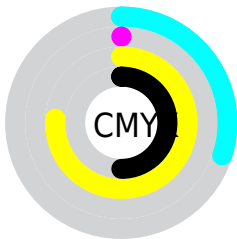
Distribution



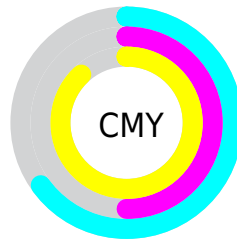
- Red (35%)
- Green (50%)
- Blue (12%)



- Red (12%)
- Yellow (50%)
- Blue (27%)



- Cyan (30%)
- Magenta (0%)
- Yellow (76%)
- Black (50%)



- Cyan (65%)
- Magenta (50%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.5800, -36.7679, -13.6637 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 105.5800, -36.7679, -13.6637 by changing the saturation by 10% instead.

■ 105.5800,
-36.7679, -13.6637

■ 105.5800,
-36.7679, -13.6637

■ 255.0000, 0.0000,
0.0000

■ 79.5970, -39.2413,
-13.6786

■ 158.4660,
-37.2047, -13.5637

■ 57.4470, -28.3214,
-16.1780

■ 186.1240,
-38.5151, -13.2637

■ 34.9760, -17.2432,
-22.7810

■ 214.0100,
-38.9519, -13.1638

■ 20.5450, -10.1287,
-18.0180

■ 236.3250,
-36.6422, -7.3010

■ 0.0000, 0.0000,
0.0000

■ 247.4760,
-28.8287, 6.5985

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

105.5800,
-36.7679, -13.6637

105.5800,
-36.7679, -13.6637

102.6030,
-41.7093, -15.4378

108.5570,
-31.8266, -11.8895

99.6260, -46.6506,
-17.2120

111.5340,
-26.8853, -10.1153

98.4580, -48.5398,
-17.9417

114.3970,
-22.3807, -8.2412

117.3740,
-17.4394, -6.4670

120.3510,
-12.4980, -4.6928

■ 123.3280, -7.5567,
-2.9187

■ 126.3050, -2.6154,
-1.1445

■ 129.1680, 1.8892,
0.7297

■ 132.1450, 6.8305,
2.5038

Harmonies

Analogous

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



109.5540, -50.5591, 23.1931



105.5800, -36.7679, -13.6637



87.4530, -7.6183, -76.6963

Triad

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



105.5800, -36.7679, -13.6637



99.9420, 47.8496, -87.6491



114.2770, 0.3564, 72.5481

Complementary

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



105.5800, -36.7679, -13.6637



53.4200, 36.7679, 13.6637

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.



118.9870, 20.2194, 48.2464



105.5800, -36.7679, -13.6637



94.7390, 55.8377, -83.0861

Square

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



105.5800, -36.7679, -13.6637



99.1150, 31.9883, -86.9239



118.7560, 37.0953, 1.9680



113.3590, -20.8830, 71.5992

Rectangle

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



105.5800, -36.7679, -13.6637



92.1610, 5.3436, -80.8252



118.7560, 37.0953, 1.9680



115.4920, 7.6454, 67.9745

Sweetspot

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



105.5800, -36.7679, -13.6637



157.1830, -14.3872, -5.4225



81.7220, -25.0059, 40.5858



78.6870, -8.7197, -3.2335



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



105.5800, -36.7679, -13.6637



131.1450, -57.2595, -21.1752



91.2280, -29.6924, -43.1730



62.3050, -2.6154, -1.1445



98.4580, -48.5398, -17.9417



0.0000, 0.0000, 0.0000

Inverse Universe

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



53.4200, 36.7679, 13.6637



49.8550, 57.2595, 21.1752



67.7720, 29.6924, 43.1730



58.6950, 2.6154, 1.1445



29.5420, 48.5398, 17.9417



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 105.5800, -36.7679, -13.6637 looks on a white 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

Black Background



This preview shows how the YUV color 105.5800, -36.7679, -13.6637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

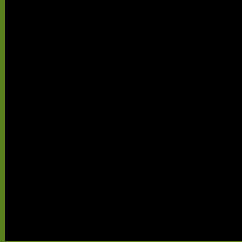
Any Text WCAG AA ✓ Pass

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 105.5800, -36.7679, -13.6637 Background



This preview shows how black text looks on a background with the YUV color 105.5800, -36.7679, -13.6637.



This preview shows how white text looks on a background with the YUV color 105.5800, -36.7679, -13.6637.

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

105.5800, -36.7679, -13.6637

Protanopia

111.0400, -40.9387, 17.5049

Deuteranopia

113.1430, -37.0455, 28.8156



Tritanopia

115.0570, 6.8739, -11.4510

Trichromacy



Original Color

105.5800, -36.7679, -13.6637

Protanomaly

109.0170, -39.4484, 6.1241

Deuteranomaly

110.3430, -37.1441, 13.7312

Tritanomaly

111.5180, -9.1294, -11.8553

Monochromacy



Original Color

105.5800, -36.7679, -13.6637

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.5800, -36.7679, -13.6637 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(90, 128, 31)` looks like.

```
.text, #text, p{  
    color:rgb(90, 128, 31)  
}
```

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(90, 128, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 128, 31) }
```

Border

The CSS property to change the border of an element to YUV 105.5800, -36.7679, -13.6637 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(90, 128, 31) }
```


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

```
.border{ border-color:rgb(90, 128, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 128, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 128, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 128, 31);  
box-shadow:4px 4px 4px 4px rgb(90, 128,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 105.5800, -36.7679, -13.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 128, 31) }
```

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

```
.background{ background-color: rgb(90, 128,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor