

Converting Colors

YUV(118.5390, -44.6357,
-10.1197)

Have a look what the booklet for
YUV(118.5390, -44.6357, -10.1197)
contains.

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Color

**YUV(118.5390, -44.6357,
-10.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8E1C
RGB	107, 142, 28
RGB Percent	42%, 56%, 11%
CMY	0.5804, 0.4431, 0.8902
CMYK	0.25, 0.00, 0.80, 0.44
HSL	78°, 67%, 33%
HSV	78°, 80%, 56%
XYZ	15.9460, 22.5556, 4.6118
YIQ	118.5390, 15.7340, -42.8740

Conversions

Conversions Part 2

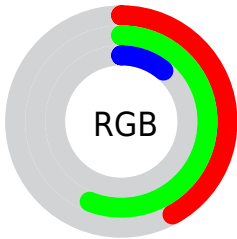
Format	Color
R _Y B	28, 142, 63
Decimal	7048732
CIE Lab	54.61, -28.59, 52.03
CIE LCh	55, 59.368, 118.793
Yxy	22.5556, 0.3699, 0.5232
Android (android.graphics.Color)	4285238812 (0xFF6B8E1C)
YUV	118.5390, -44.6357, -10.1197
Hunter-Lab	47.4928, -23.1798, 27.4875

Details

The YUV color **118.5390, -44.6357, -10.1197** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **51.4610, 44.6357, 10.1197**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9520, -44.3463, -9.6049**, and **70.1500, -34.5840, -14.1636** is the 20% darker color. If you saturate the color by 10%, you get **115.7470, -50.1613, -11.1791**, and if you desaturate by 10%, it is **121.3310, -39.1102, -9.0603**.

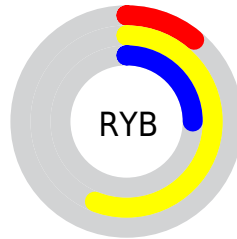
Distribution



Red (42%)

Green (56%)

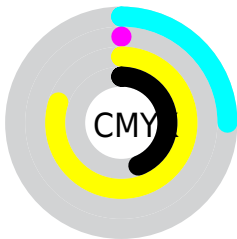
Blue (11%)



Red (11%)

Yellow (56%)

Blue (25%)

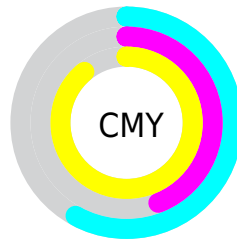


Cyan (25%)

Magenta (0%)

Yellow (80%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5390, -44.6357, -10.1197 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 118.5390, -44.6357, -10.1197 by changing the saturation by 10% instead.

■ 118.5390,
-44.6357, -10.1197

■ 118.5390,
-44.6357, -10.1197

■ 255.0000, 0.0000,
0.0000

■ 92.0120, -45.3619,
-10.5345

■ 172.9520,
-44.3463, -9.6049

■ 70.1500, -34.5840,
-14.1636

■ 200.7240,
-45.2199, -9.4049

■ 48.2880, -23.8060,
-17.7926

■ 229.1970,
-45.9461, -9.8198

■ 26.4150, -13.0226,
-23.1660

■ 242.4190,
-39.1536, 4.8945

■ 14.6750, -7.2348,
-12.8700

■ 247.7040,
-27.9551, 6.3986

■ 0.0000, 0.0000,
0.0000

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

■ 118.5390,
-44.6357, -10.1197

■ 118.5390,
-44.6357, -10.1197

■ 115.7470,
-50.1613, -11.1791

■ 121.3310,
-39.1102, -9.0603

■ 112.6560,
-55.5394, -12.8533

■ 124.4220,
-33.7320, -7.3861

■ 127.3280,
-27.7697, -6.4267

■ 130.1200,
-22.2442, -5.3672

■ 133.2110,
-16.8660, -3.6930

■ 136.0030,
-11.3405, -2.6336

■ 139.0940, -5.9623,
-0.9594

■ 142.0000, 0.0000,
0.0000

■ 144.7920, 5.5255,
1.0594

Harmonies

Analogous

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



122.7200, -59.0220, 30.9406



118.5390, -44.6357, -10.1197



100.3730, -13.0019, -76.6261

Triad

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



118.5390, -44.6357, -10.1197



112.3150, 52.1027, -98.5003



127.5430, 3.6763, 81.0848

Complementary

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



118.5390, -44.6357, -10.1197



51.4610, 44.6357, 10.1197

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.



133.0780, 25.5975, 49.9206



118.5390, -44.6357, -10.1197



107.0950, 62.5642, -93.9223

Square

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



118.5390, -44.6357, -10.1197



110.8040, 33.6206, -97.1751



131.8350, 43.9583, -5.9943



125.8380, -20.6261, 82.5801

Rectangle

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



118.5390, -44.6357, -10.1197



102.2370, 3.3342, -89.6618



131.8350, 43.9583, -5.9943



129.1490, 11.2655, 73.5373

Sweetspot

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



118.5390, -44.6357, -10.1197



174.7980, -17.1554, -4.2078



82.0440, -26.6437, 52.5814



86.5300, -10.6143, -2.2188



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



118.5390, -44.6357, -10.1197



147.3770, -69.2059, -16.1166



101.7950, -36.3809, -44.5472



69.6040, -2.7628, -0.5297



107.3510, -52.9240, -11.7088



6.1910, -3.0522, -1.0445

Inverse Universe

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



51.4610, 44.6357, 10.1197



43.3240, 69.3533, 15.5019



68.2050, 36.3809, 44.5472



65.3960, 2.7628, 0.5297



27.6490, 52.9240, 11.7088



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 118.5390, -44.6357, -10.1197 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 118.5390, -44.6357, -10.1197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

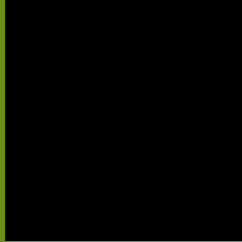
Any Text WCAG AA ✓ Pass

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 118.5390, -44.6357, -10.1197 Background



This preview shows how black text looks on a background with the YUV color 118.5390, -44.6357, -10.1197.



This preview shows how white text looks on a background with the YUV color 118.5390, -44.6357, -10.1197.

-10.1197.

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

118.5390, -44.6357, -10.1197

Protanopia

123.7000, -48.6591, 20.4341

Deuteranopia

125.7430, -43.7503, 32.6744



Tritanopia

129.3670, 6.7211, -9.0919

Trichromacy



Original Color

118.5390, -44.6357, -10.1197

Protanomaly

121.6770, -47.1688, 9.0533

Deuteranomaly

123.5300, -44.1383, 17.0752

Tritanomaly

125.7310, -12.1924, -9.4111

Monochromacy



Original Color

118.5390, -44.6357, -10.1197

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7380, -16.1398, -3.2782

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5390, -44.6357, -10.1197 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(107, 142, 28)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 28)  
}
```

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(107, 142, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 28) }
```

Border

The CSS property to change the border of an element to YUV 118.5390, -44.6357, -10.1197 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(107, 142, 28) }
```


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

```
.border{ border-color:rgb(107, 142, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 142, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 142, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 142, 28);  
box-shadow:4px 4px 4px 4px rgb(107, 142,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 118.5390, -44.6357, -10.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 28) }
```

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

```
.background{ background-color: rgb(107,  
142, 28) }
```

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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