

Converting Colors

YUV(44.5350, -11.1098,
63.5518)

Have a look what the booklet for
YUV(44.5350, -11.1098, 63.5518)
contains.

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Color

**YUV(44.5350, -11.1098,
63.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	750C16
RGB	117, 12, 22
RGB Percent	46%, 5%, 9%
CMY	0.5412, 0.9529, 0.9137
CMYK	0.00, 0.90, 0.81, 0.54
HSL	354°, 81%, 25%
HSV	354°, 90%, 46%
XYZ	7.6124, 4.1028, 1.1498
YIQ	44.5350, 59.3700, 25.3700

Conversions

Conversions Part 2

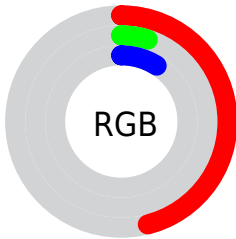
Format	Color
RYB	117, 12, 22
Decimal	7670806
CIELab	24.01, 43.08, 25.10
CIELCh	24, 49.856, 30.231
Yxy	4.1028, 0.5917, 0.3189
Android (android.graphics.Color)	4285860886 (0xFF750C16)
YUV	44.5350, -11.1098, 63.5518
Hunter-Lab	20.2553, 31.6376, 10.8132

Details

The YUV color **44.5350, -11.1098, 63.5518** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **84.4650, 11.1098, -63.5518**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.5370, -17.5197, 66.1811**, and **18.2390, -8.9918, 37.5014** is the 20% darker color. If you saturate the color by 10%, you get **36.2370, -12.4418, 70.8292**, and if you desaturate by 10%, it is **52.8330, -9.7777, 56.2745**.

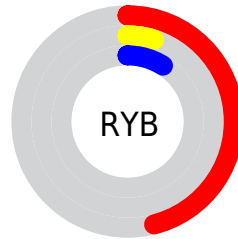
Distribution



Red (46%)

Green (5%)

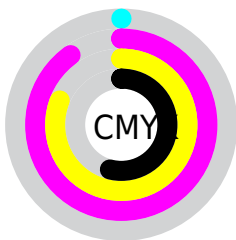
Blue (9%)



Red (46%)

Yellow (5%)

Blue (9%)

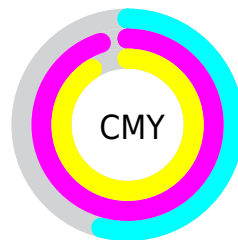


Cyan (0%)

Magenta (90%)

Yellow (81%)

Black (54%)



Cyan (54%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.5350, -11.1098, 63.5518 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 44.5350, -11.1098, 63.5518 by changing the saturation by 10% instead.

■ 44.5350, -11.1098,
63.5518

■ 44.5350, -11.1098,
63.5518

■ 254.2020, -3.0576,
0.6998

■ 26.6110, -13.1192,
54.7152

■ 100.5370,
-17.5197, 66.1811

■ 18.2390, -8.9918,
37.5014

■ 127.0920,
-19.2724, 68.3253

■ 9.3830, -4.1328,
18.9581

■ 155.0600,
-20.7356, 70.9844

■ 0.0000, 0.0000,
0.0000

■ 179.4400,
-20.4299, 66.2661

■ 198.3670,
-16.4499, 49.6671

■ 217.8810,

-12.7593, 32.5534

238.0960, -8.9213,
14.8248

44.5350, -11.1098,
63.5518

44.5350, -11.1098,
63.5518

36.2370, -12.4418,
70.8292

52.8330, -9.7777,
56.2745

60.4300, -8.5930,
49.6119

68.7280, -7.2609,
42.3345

76.9120, -6.3656,
35.1572

84.6230, -4.7441,
28.3946

■ 92.9210, -3.4121,
21.1173

■ 101.1050, -2.5168,
13.9399

■ 109.4030, -1.1847,
6.6626

■ 117.0000, 0.0000,
0.0000

Harmonies

Analogous

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



42.3070, 8.2296, 67.2598



44.5350, -11.1098, 63.5518



52.4940, -25.8795, 40.7858

Triad

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



44.5350, -11.1098, 63.5518



42.9140, -13.2686, -37.6356



51.5560, 40.1519, -45.2146

Complementary

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



44.5350, -11.1098, 63.5518



84.4650, 11.1098, -63.5518

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.



55.1120, 33.4688, -48.3332



44.5350, -11.1098, 63.5518



48.6480, 3.6245, -42.6643

Square

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



44.5350, -11.1098, 63.5518



48.3210, -23.8223, -12.5595



52.9800, 20.2229, -46.4635



56.5610, 32.7544, -5.7540

Rectangle

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



44.5350, -11.1098, 63.5518



54.1560, -26.6989, 23.5422



52.9800, 20.2229, -46.4635



53.7900, 38.5575, -47.1738

Sweetspot

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



44.5350, -11.1098, 63.5518



124.7150, -4.2965, 24.8059



52.3750, 31.8601, 47.9061



59.7030, -2.8116, 15.1695



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



44.5350, -11.1098, 63.5518



47.4570, -16.0013, 92.5612



68.0490, -27.6322, 42.9300



54.7940, -0.8844, 3.6887



37.8460, -12.7421, 73.8031



77.4860, -26.3686, 151.2948

Inverse Universe

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



44.5350, -11.1098, 63.5518



47.4570, -16.0013, 92.5612



60.9510, 27.6322, -42.9300



54.7940, -0.8844, 3.6887



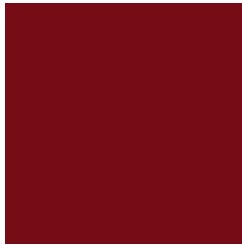
37.8460, -12.7421, 73.8031



77.4860, -26.3686, 151.2948

Previews

White Background



This preview shows how the YUV color 44.5350, -11.1098, 63.5518 looks on a white background.

Color Contrast Check

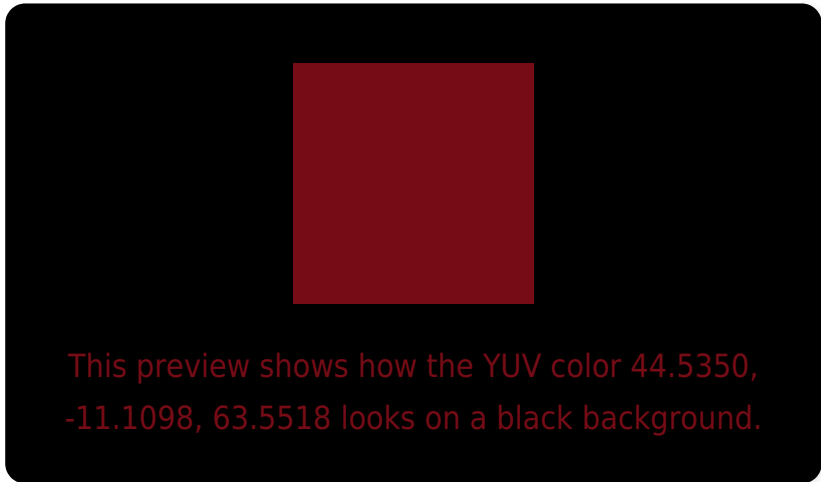
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

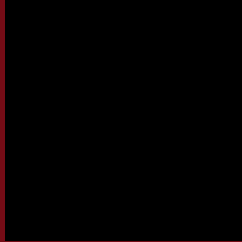
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 44.5350, -11.1098, 63.5518

Background



This preview shows how black text looks on a background with the YUV color 44.5350, -11.1098, 63.5518.



This preview shows how white text looks on a background with the YUV color 44.5350, -11.1098,

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

44.5350, -11.1098, 63.5518

Protanopia

58.8300, -12.2412, 6.2881

Deuteranopia

57.2520, -22.3092, 15.5650



Tritanopia

44.4550, -16.4933, 63.6220

Trichromacy



Original Color

44.5350, -11.1098, 63.5518

Protanomaly

54.0760, -11.8695, 27.1203

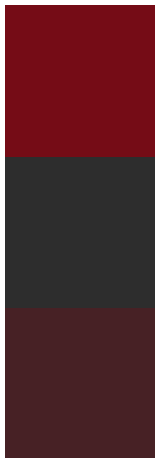
Deuteranomaly

52.8010, -18.1429, 32.6235

Tritanomaly

44.3240, -14.4567, 63.7369

Monochromacy



Original Color

44.5350, -11.1098, 63.5518

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.8180, -3.8543, 22.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.5350, -11.1098, 63.5518 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(117, 12, 22)` looks like.

```
.text, #text, p{  
    color:rgb(117, 12, 22)  
}
```

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(117, 12, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 12, 22) }
```

Border

The CSS property to change the border of an element to YUV 44.5350, -11.1098, 63.5518 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(117, 12, 22) }
```


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

```
.border{ border-color:rgb(117, 12, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 12, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 12, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 12, 22);  
box-shadow:4px 4px 4px 4px rgb(117, 12,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 44.5350, -11.1098, 63.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 12, 22) }
```

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

```
.background{ background-color: rgb(117, 12,  
22) }
```

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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