

Converting Colors

YUV(66.4140, -11.0501,
44.3639)

Have a look what the booklet for
YUV(66.4140, -11.0501, 44.3639)
contains.

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Color

**YUV(66.4140, -11.0501,
44.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	752D2C
RGB	117, 45, 44
RGB Percent	46%, 18%, 17%
CMY	0.5412, 0.8235, 0.8275
CMYK	0.00, 0.62, 0.62, 0.54
HSL	1°, 45%, 32%
HSV	1°, 62%, 46%
XYZ	8.7291, 5.8405, 3.0501
YIQ	66.4140, 43.2330, 14.9530

Conversions

Conversions Part 2

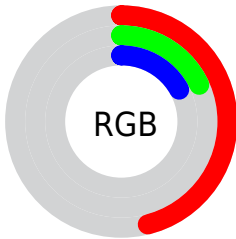
Format	Color
R_{YB}	117, 45, 44
Decimal	7679276
CIE Lab	29.01, 31.59, 16.86
CIE LCh	29, 35.809, 28.082
Yxy	5.8405, 0.4954, 0.3315
Android (android.graphics.Color)	4285869356 (0xFF752D2C)
YUV	66.4140, -11.0501, 44.3639
Hunter-Lab	24.1672, 22.1812, 9.4341

Details

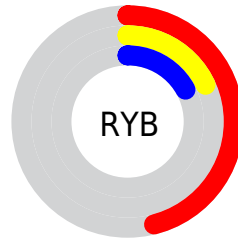
The YUV color **66.4140, -11.0501, 44.3639** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **94.5860, 11.0501, -44.3639**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1650, -13.3923, 48.9673**, and **19.1360, -9.4340, 39.3457** is the 20% darker color. If you saturate the color by 10%, you get **58.0020, -12.8190, 51.7412**, and if you desaturate by 10%, it is **74.8260, -9.2812, 36.9866**.

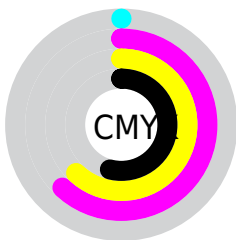
Distribution



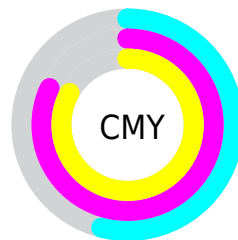
- Red (46%)
- Green (18%)
- Blue (17%)



- Red (46%)
- Yellow (18%)
- Blue (17%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (54%)



- Cyan (54%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4140, -11.0501, 44.3639 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 66.4140, -11.0501, 44.3639 by changing the saturation by 10% instead.

■ 66.4140, -11.0501,
44.3639

■ 66.4140, -11.0501,
44.3639

■ 255.0000, 0.0000,
0.0000

■ 41.8590, -9.2975,
42.2197

■ 117.1650,
-13.3923, 48.9673

■ 19.1360, -9.4340,
39.3457

■ 143.2470,
-14.4188, 51.5264

■ 12.0740, -5.4595,
24.4911

■ 170.7310,
-15.1504, 52.8559

■ 0.0000, 0.0000,
0.0000

■ 196.7200,
-15.1450, 51.1116

■ 215.6470,
-11.1650, 34.5126

■ 235.8620, -7.3270,

16.7840

254.3160, -2.6208,
0.5999

66.4140, -11.0501,
44.3639

66.4140, -11.0501,
44.3639

58.0020, -12.8190,
51.7412

74.8260, -9.2812,
36.9866

50.2910, -14.4405,
58.5038

82.5370, -7.6597,
30.2241

41.8790, -16.2093,
65.8811

90.9490, -5.8909,
22.8467

36.1570, -17.8254,
70.8993

98.7740, -3.8326,
15.9842

107.0720, -2.5005,
8.7069

■ 114.8970, -0.4422,
1.8443

■ 123.3090, 1.3267,
-5.5330

■ 131.1340, 3.3849,
-12.3955

■ 139.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



67.4320, 1.7590, 42.5941



66.4140, -11.0501, 44.3639



66.6610, -22.5109, 33.6233

Triad

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



66.4140, -11.0501, 44.3639



54.8910, -8.3273, -35.8614



56.4000, 33.3268, -49.4628

Complementary

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



66.4140, -11.0501, 44.3639



94.5860, 11.0501, -44.3639

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.



58.8960, 27.6593, -51.6518



66.4140, -11.0501, 44.3639



55.0710, 5.3880, -48.2973

Square

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



66.4140, -11.0501, 44.3639



62.0770, -23.7020, -4.4525



58.2630, 17.6183, -51.0967



69.1670, 23.5817, -3.6545

Rectangle

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



66.4140, -11.0501, 44.3639



65.5150, -27.8619, 23.2273



58.2630, 17.6183, -51.0967



58.0470, 32.0218, -50.9072

Sweetspot

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



66.4140, -11.0501, 44.3639



132.6710, -4.2748, 17.8285



74.1490, 21.1255, 37.5803



64.3820, -2.6533, 11.0660



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.



66.4140, -11.0501, 44.3639



73.5590, -17.5306, 69.6698



87.5460, -21.4682, 25.8312



54.7940, -0.8844, 3.6887



37.6520, -18.5624, 73.9732



76.5110, -37.7199, 152.1499

Inverse Universe

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



94.5860, 11.0501, -44.3639



117.4410, 17.5306, -69.6698



74.0410, 21.1788, -26.3460



57.2060, 0.8844, -3.6887



84.9350, 18.2730, -74.4880



172.9020, 38.0093, -151.6351

Previews

White Background



This preview shows how the YUV color 66.4140, -11.0501, 44.3639 looks on a white background.

Color Contrast Check

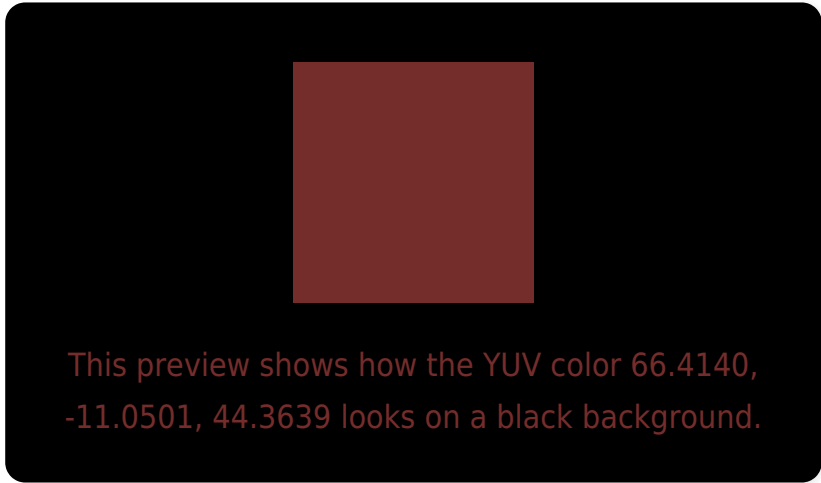
Large Text (above 18pt) WCAG AA ✓ Pass

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

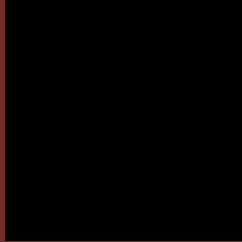
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4140, -11.0501, 44.3639

Background



This preview shows how black text looks on a background with the YUV color 66.4140, -11.0501, 44.3639.

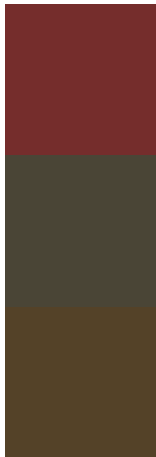


This preview shows how white text looks on a background with the YUV color 66.4140, -11.0501,

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

66.4140, -11.0501, 44.3639

Protanopia

68.7850, -7.2890, 4.5736

Deuteranopia

68.4180, -14.0101, 13.6654



Tritanopia

66.7560, -9.7397, 44.0640

Trichromacy



Original Color

66.4140, -11.0501, 44.3639

Protanomaly

67.8300, -8.7902, 19.4431

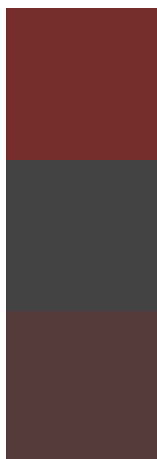
Deuteranomaly

67.4240, -13.0270, 25.0612

Tritanomaly

66.6420, -10.1765, 44.1640

Monochromacy



Original Color

66.4140, -11.0501, 44.3639

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0730, -3.9800, 16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4140, -11.0501, 44.3639 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, 45, 44)` looks like.

```
.text, #text, p{  
    color:rgb(117, 45, 44)  
}
```

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, 45, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 45, 44) }
```

Border

The CSS property to change the border of an element to YUV 66.4140, -11.0501, 44.3639 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, 45, 44) }
```


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

```
.border{ border-color:rgb(117, 45, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 45, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 45, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 45, 44);  
box-shadow:4px 4px 4px 4px rgb(117, 45,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 66.4140, -11.0501, 44.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 45, 44) }
```

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

```
.background{ background-color: rgb(117, 45,  
44) }
```

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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