

Converting Colors

YUV(111.3130, -47.9753,
81.2865)

Have a look what the booklet for
YUV(111.3130, -47.9753, 81.2865)
contains.

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Color

**YUV(111.3130, -47.9753,
81.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	CC530E
RGB	204, 83, 14
RGB Percent	80%, 33%, 5%
CMY	0.2000, 0.6745, 0.9451
CMYK	0.00, 0.59, 0.93, 0.20
HSL	22°, 87%, 43%
HSV	22°, 93%, 80%
XYZ	28.0744, 19.0556, 2.6139
YIQ	111.3130, 94.2650, 4.1930

Conversions

Conversions Part 2

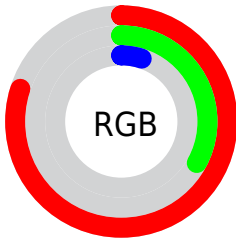
Format	Color
RYB	204, 122, 14
Decimal	13390606
CIELab	50.75, 45.26, 57.39
CIElCh	51, 73.095, 51.740
Yxy	19.0556, 0.5644, 0.3831
Android (android.graphics.Color)	4291580686 (0xFFCC530E)
YUV	111.3130, -47.9753, 81.2865
Hunter-Lab	43.6527, 38.4065, 27.0067

Details

The YUV color **111.3130, -47.9753, 81.2865** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **106.6870, 47.9753, -81.2865**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8290, -47.2437, 79.9570**, and **59.4810, -29.3241, 72.3692** is the 20% darker color. If you saturate the color by 10%, you get **104.4340, -51.4860, 87.3194**, and if you desaturate by 10%, it is **121.2240, -43.0014, 72.5946**.

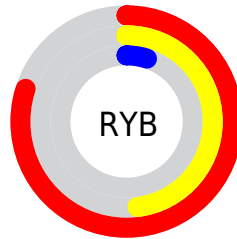
Distribution



Red (80%)

Green (33%)

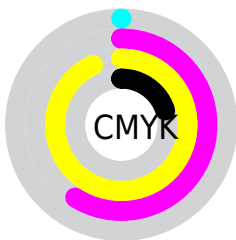
Blue (5%)



Red (80%)

Yellow (48%)

Blue (5%)

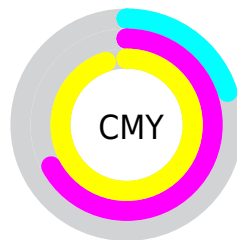


Cyan (0%)

Magenta (59%)

Yellow (93%)

Black (20%)



Cyan (20%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3130, -47.9753, 81.2865 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 111.3130, -47.9753, 81.2865 by changing the saturation by 10% instead.

111.3130,
-47.9753, 81.2865

111.3130,
-47.9753, 81.2865

255.0000, 0.0000,
0.0000

85.1860, -41.9967,
77.0129

163.8290,
-47.2437, 79.9570

59.4810, -29.3241,
72.3692

182.6420,
-43.7005, 63.4580

33.1890, -16.3622,
68.2402

202.0420,
-40.4467, 46.4442

24.2190, -11.9400,
49.7969

222.1430,
-37.0455, 28.8156

16.6730, -7.2338,
33.6128

242.2440,
-33.6443, 11.1870


4.1860, -2.0637,
8.6069


248.9580,


0.0000, 0.0000,

-23.1503, 5.2988


0.0000


 252.2640,
-10.4832, 2.3995


 111.3130,
-47.9753, 81.2865

 111.3130,
-47.9753, 81.2865


 104.4340,
-51.4860, 87.3194

 121.2240,
-43.0014, 72.5946

 131.2490,
-37.5908, 63.8026

 141.1600,
-32.6169, 55.1107

 151.1850,
-27.2062, 46.3188

 161.0960,
-22.2323, 37.6268

■ 171.0070,
-17.2585, 28.9349

■ 181.0320,
-11.8478, 20.1429

■ 190.9430, -6.8739,
11.4510

■ 200.9680, -1.4632,
2.6591

Harmonies

Analogous

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



105.0550, -12.8451, 106.9458



111.3130, -47.9753, 81.2865



113.8830, -56.1443, 41.3216

Triad

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



111.3130, -47.9753, 81.2865



97.8030, 1.5761, -85.7732



113.5070, 61.3750, -39.0326

Complementary

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



111.3130, -47.9753, 81.2865



106.6870, 47.9753, -81.2865

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.



106.7020, 68.6739, -93.5777



111.3130, -47.9753, 81.2865



105.8000, 29.6786, -92.7866

Square

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



111.3130, -47.9753, 81.2865



87.1160, -26.6792, -76.4007



110.0810, 53.6971, -96.5410



121.9820, 37.9699, 48.2508

Rectangle

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



111.3130, -47.9753, 81.2865



111.0380, -54.7417, 11.3677



110.0810, 53.6971, -96.5410



98.8430, 71.5624, -86.6853

Sweetspot

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



111.3130, -47.9753, 81.2865



220.4910, -17.9901, 30.2644



84.8320, 25.7188, 104.5103



106.5480, -11.1162, 18.8134



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



111.3130, -47.9753, 81.2865



130.8360, -64.5021, 108.8918



165.9040, -74.8887, 33.4102



97.3380, -2.6316, 4.0886



84.8540, -41.8330, 71.1650



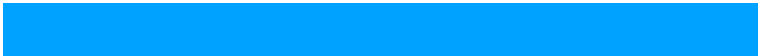
19.5800, -9.6529, 16.1543

Inverse Universe

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



106.6870, 47.9753, -81.2865



124.1640, 64.5021, -108.8918



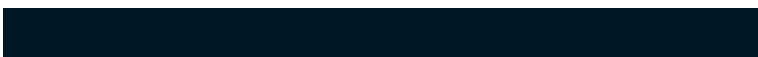
52.0960, 74.8887, -33.4102



96.6620, 2.6316, -4.0886



81.1460, 41.8330, -71.1650



18.4200, 9.6529, -16.1543

Previews

White Background



This preview shows how the YUV color 111.3130, -47.9753, 81.2865 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 111.3130, -47.9753, 81.2865 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 111.3130, -47.9753, 81.2865

Background



This preview shows how black text looks on a background with the YUV color 111.3130, -47.9753, 81.2865.



This preview shows how white text looks on a background with the YUV color 111.3130, -47.9753, 81.2865.

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

111.3130, -47.9753, 81.2865

Protanopia

115.4270, -44.5805, 18.9195

Deuteranopia

113.2520, -55.8332, 34.8590



Tritanopia

116.1410, -16.8315, 78.8063

Trichromacy



Original Color

111.3130, -47.9753, 81.2865

Protanomaly

113.9290, -45.8140, 41.2813

Deuteranomaly

112.4590, -52.9773, 52.2175

Tritanomaly

114.1660, -28.1828, 79.6614

Monochromacy



Original Color

111.3130, -47.9753, 81.2865

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.3060, -17.4059, 29.5496

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3130, -47.9753, 81.2865 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(204, 83, 14)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 14)  
}
```

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(204, 83, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 14) }
```

Border

The CSS property to change the border of an element to YUV 111.3130, -47.9753, 81.2865 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(204, 83, 14) }
```


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

```
.border{ border-color:rgb(204, 83, 14) }
```

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

Here you see how a box with a 4 pixel rgb(204, 83, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 14);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 111.3130, -47.9753, 81.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 83, 14) }
```

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

```
.background{ background-color: rgb(204, 83,  
14) }
```

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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