

Converting Colors

YUV(80.7060, -30.4211,
97.6048)

Have a look what the booklet for
YUV(80.7060, -30.4211, 97.6048)
contains.

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Color

**YUV(80.7060, -30.4211,
97.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	C02413
RGB	192, 36, 19
RGB Percent	75%, 14%, 7%
CMY	0.2471, 0.8588, 0.9255
CMYK	0.00, 0.81, 0.90, 0.25
HSL	6°, 82%, 41%
HSV	6°, 90%, 75%
XYZ	22.4866, 12.5152, 1.8466
YIQ	80.7060, 98.4330, 27.7850

Conversions

Conversions Part 2

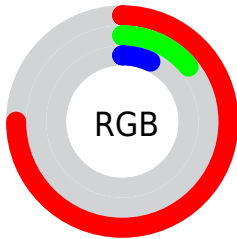
Format	Color
R _Y B	192, 38, 19
Decimal	12592147
CIE Lab	42.02, 59.14, 48.66
CIE LCh	42, 76.583, 39.445
Yxy	12.5152, 0.6102, 0.3396
Android (android.graphics.Color)	4290782227 (0xFFC02413)
YUV	80.7060, -30.4211, 97.6048
Hunter-Lab	35.3769, 51.5506, 21.6690

Details

The YUV color **80.7060, -30.4211, 97.6048** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **130.2940, 30.4211, -97.6048**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7080, -36.8310, 100.2341**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **68.5610, -33.8006, 108.2560**, and if you desaturate by 10%, it is **92.8510, -27.0415, 86.9537**.

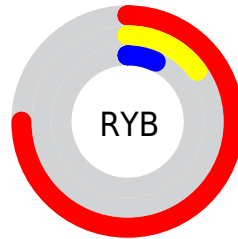
Distribution



Red (75%)

Green (14%)

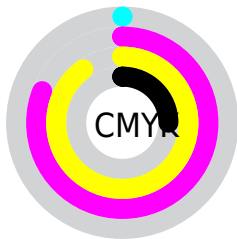
Blue (7%)



Red (75%)

Yellow (15%)

Blue (7%)

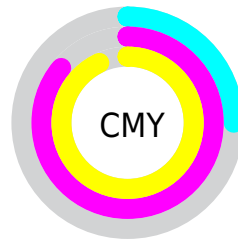


Cyan (0%)

Magenta (81%)

Yellow (90%)

Black (25%)



Cyan (25%)


Magenta (86%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.7060, -30.4211, 97.6048 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 80.7060, -30.4211, 97.6048 by changing the saturation by 10% instead.


 80.7060, -30.4211,
97.6048

 80.7060, -30.4211,
97.6048


254.8860, -0.4368,
0.1000


 47.8400, -23.5851,
98.3643


 140.7080,
-36.8310, 100.2341

 38.5710, -19.0155,
79.3062


 159.9940,
-34.0140, 83.3203


 29.3020, -14.4459,
60.2481

 179.2800,
-31.1970, 66.4064

 20.8590, -9.2975,
42.2197

 199.2670,
-28.2326, 48.8778


 11.4760, -5.1647,
23.2615


 218.7810,
-24.5420, 31.7641


 0.0000, 0.0000,
0.0000


 239.5830,


-20.9934, 13.5207


 251.5800,
-13.1039, 2.9993


 80.7060, -30.4211,
97.6048

 80.7060, -30.4211,
97.6048


 68.5610, -33.8006,
108.2560

 92.8510, -27.0415,
86.9537

 105.5830,
-23.9514, 75.7877

 117.8420,
-20.1351, 65.0366

 129.9870,
-16.7556, 54.3854

 142.7190,
-13.6655, 43.2194

■ 154.8640,
-10.2860, 32.5683

■ 167.0090, -6.9064,
21.9171

■ 179.8550, -3.3795,
10.6512

■ 192.0000, 0.0000,
0.0000

Harmonies

Analogous

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



70.6430, 5.5990, 117.8311



80.7060, -30.4211, 97.6048



93.0170, -45.8574, 55.2361

Triad

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



80.7060, -30.4211, 97.6048



77.4280, -13.0290, -67.9044



85.6380, 69.1985, -75.1045

Complementary

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



80.7060, -30.4211, 97.6048



130.2940, 30.4211, -97.6048

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.



94.2320, 61.5106, -82.6415



80.7060, -30.4211, 97.6048



86.8270, 15.3683, -76.1473

Square

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



80.7060, -30.4211, 97.6048



72.2780, -35.6331, -51.1098



93.1940, 42.3024, -81.7311



99.8410, 48.3924, 18.5564

Rectangle

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



80.7060, -30.4211, 97.6048



93.7160, -46.2020, 25.6821



93.1940, 42.3024, -81.7311



89.9750, 68.0463, -78.9081

Sweetspot

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



80.7060, -30.4211, 97.6048



206.4410, -12.0494, 38.2012



88.8530, 43.9495, 90.4599



99.3080, -7.0538, 22.5319



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



80.7060, -30.4211, 97.6048



89.4250, -44.0865, 140.8243



130.0140, -54.7299, 54.3617



90.5770, -1.7635, 5.6330



57.5310, -28.3628, 90.7423



11.6280, -5.7326, 18.7432

Inverse Universe

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



130.2940, 30.4211, -97.6048



160.5750, 44.0865, -140.8243



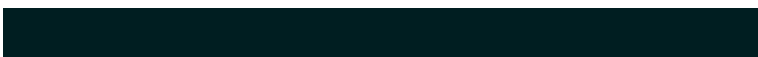
80.9860, 54.7299, -54.3617



93.4230, 1.7635, -5.6330



103.4690, 28.3628, -90.7423



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 80.7060, -30.4211, 97.6048 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 80.7060, -30.4211, 97.6048 looks on a black 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

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

YUV 80.7060, -30.4211, 97.6048

Background



This preview shows how black text looks on a background with the YUV color 80.7060, -30.4211, 97.6048.



This preview shows how white text looks on a background with the YUV color 80.7060, -30.4211,

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

80.7060, -30.4211, 97.6048

Protanopia

96.6510, -30.8869, 13.4611

Deuteranopia

93.7380, -46.2128, 29.1708



Tritanopia

81.2420, -23.2903, 97.1348

Trichromacy



Original Color

80.7060, -30.4211, 97.6048

Protanomaly

90.6640, -30.4004, 44.1447

Deuteranomaly

89.3850, -40.6158, 54.0364

Tritanomaly

81.2590, -25.7637, 97.1199

Monochromacy



Original Color

80.7060, -30.4211, 97.6048

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9460, -11.3124, 35.1274

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7060, -30.4211, 97.6048 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(192, 36, 19)` looks like.

```
.text, #text, p{  
    color:rgb(192, 36, 19)  
}
```

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(192, 36, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 36, 19) }
```

Border

The CSS property to change the border of an element to YUV 80.7060, -30.4211, 97.6048 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(192, 36, 19) }
```


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

```
.border{ border-color:rgb(192, 36, 19) }
```

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

Here you see how a box with a 4 pixel rgb(192, 36, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 36, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 36, 19);  
box-shadow:4px 4px 4px 4px rgb(192, 36,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 80.7060, -30.4211, 97.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 36, 19) }
```

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

```
.background{ background-color: rgb(192, 36,  
19) }
```

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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