

Converting Colors

YUV(96.2820, -30.7050,
95.3457)

Have a look what the booklet for
YUV(96.2820, -30.7050, 95.3457)
contains.

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Color

**YUV(96.2820, -30.7050,
95.3457)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CD3522 |
| RGB | 205, 53, 34 |
| RGB Percent | 80%, 21%, 13% |
| CMY | 0.1961, 0.7922, 0.8667 |
| CMYK | 0.00, 0.74, 0.83, 0.20 |
| HSL | 7°, 72%, 47% |
| HSV | 7°, 83%, 80% |
| XYZ | 26.7387, 15.6408, 3.1231 |
| YIQ | 96.2820, 96.6910, 26.3150 |

Conversions

Conversions Part 2

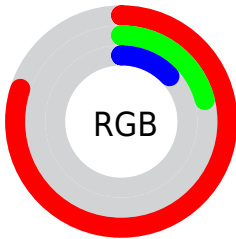
| Format | Color |
|-------------------------------------|--|
| RYB | 205, 55, 34 |
| Decimal | 13448482 |
| CIELab | 46.50, 58.22, 46.54 |
| CIElCh | 46, 74.537, 38.634 |
| Yxy | 15.6408, 0.5876, 0.3437 |
| Android (android.graphics.Color) | 4291638562 (0xFFCD3522) |
| YUV | 96.2820, -30.7050, 95.3457 |
| Hunter-Lab | 39.5485, 51.4737, 23.0019 |

Details

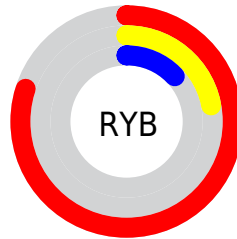
The YUV color **96.2820, -30.7050, 95.3457** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **142.7180, 30.7050, -95.3457**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6360, -34.3305, 91.5272**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **83.3220, -34.6687, 106.7116**, and if you desaturate by 10%, it is **109.1280, -27.1781, 84.0797**.

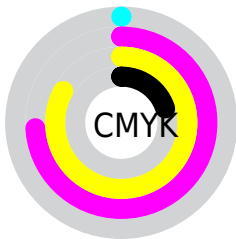
Distribution



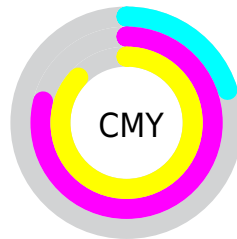
- Red (80%)
- Green (21%)
- Blue (13%)



- Red (80%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (83%)
- Black (20%)





- Cyan (20%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.2820, -30.7050, 95.3457 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 96.2820, -30.7050, 95.3457 by changing the saturation by 10% instead.


 96.2820, -30.7050,
95.3457

 96.2820, -30.7050,
95.3457


255.0000, 0.0000,
0.0000


 61.6720, -25.4743,
97.6347


 150.6360,
-34.3305, 91.5272

 42.4580, -20.9318,
87.2983

 169.9220,
-31.5135, 74.6134


 33.1890, -16.3622,
68.2402

 189.3220,
-28.2597, 57.5996

 23.9200, -11.7926,
49.1822

 208.7220,
-25.0059, 40.5858

 15.7760, -6.7916,
31.7684

 229.4100,
-21.8941, 22.4424

 0.0000, 0.0000,
0.0000

 249.6250,

-18.0561, 4.7139

253.5180, -5.6784,
1.2997

96.2820, -30.7050,
95.3457

96.2820, -30.7050,
95.3457

83.3220, -34.6687,
106.7116

109.1280,
-27.1781, 84.0797

74.7960, -36.8744,
114.1889

122.0880,
-23.2144, 72.7138

135.6350,
-19.5401, 60.8331

148.4810,
-16.0131, 49.5672

161.4410,
-12.0494, 38.2012

■ 174.2870, -8.5225,
26.9353

■ 187.8340, -4.8482,
15.0546

■ 200.6800, -1.3212,
3.7886

■ 213.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



77.4740, 8.6403, 122.3643



96.2820, -30.7050, 95.3457



103.3610, -50.9570, 57.5654

Triad

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



96.2820, -30.7050, 95.3457



85.6120, -12.1337, -75.0817



93.2350, 70.3831, -81.7671

Complementary

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



96.2820, -30.7050, 95.3457



142.7180, 30.7050, -95.3457

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.



101.7150, 62.2585, -89.2041



96.2820, -30.7050, 95.3457



94.3100, 16.1162, -82.7099

Square

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



96.2820, -30.7050, 95.3457



87.4060, -43.0912, -38.9441



101.2640, 42.7608, -88.8085



111.7160, 47.9610, 16.9121

Rectangle

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



96.2820, -30.7050, 95.3457



103.7720, -51.1596, 29.1410



101.2640, 42.7608, -88.8085



97.4580, 68.7942, -85.4707

Sweetspot

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



96.2820, -30.7050, 95.3457



214.2450, -11.4598, 35.7421



102.6850, 42.0603, 89.7303



103.5960, -7.1958, 21.4023



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.



96.2820, -30.7050, 95.3457



92.6810, -45.6917, 142.3538



145.5900, -55.0139, 52.1026



95.5770, -1.7635, 5.6330



60.2000, -29.6786, 92.7866



13.7100, -6.7590, 21.3023

Inverse Universe

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



142.7180, 30.7050, -95.3457



162.3190, 45.6917, -142.3538



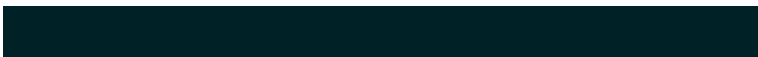
93.4100, 55.0139, -52.1026



98.4230, 1.7635, -5.6330



105.2130, 29.9680, -92.2718



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 96.2820, -30.7050, 95.3457 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 96.2820, -30.7050, 95.3457 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 96.2820, -30.7050, 95.3457

Background



This preview shows how black text looks on a background with the YUV color 96.2820, -30.7050, 95.3457.



This preview shows how white text looks on a background with the YUV color 96.2820, -30.7050,

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

96.2820, -30.7050, 95.3457

Protanopia

107.5200, -28.8504, 13.5760

Deuteranopia

105.2050, -44.4711, 30.5152



Tritanopia

97.1600, -22.2639, 94.5757

Trichromacy



Original Color

96.2820, -30.7050, 95.3457

Protanomaly

103.5930, -29.3793, 43.3299

Deuteranomaly

102.0260, -39.4528, 54.3512

Tritanomaly

96.9490, -25.6109, 94.7607

Monochromacy



Original Color

96.2820, -30.7050, 95.3457

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9460, -11.3124, 35.1274

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2820, -30.7050, 95.3457 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(205, 53, 34)` looks like.

```
.text, #text, p{  
    color:rgb(205, 53, 34)  
}
```

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(205, 53, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 53, 34) }
```

Border

The CSS property to change the border of an element to YUV 96.2820, -30.7050, 95.3457 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(205, 53, 34) }
```


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

```
.border{ border-color:rgb(205, 53, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 53, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 53, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 53, 34);  
box-shadow:4px 4px 4px 4px rgb(205, 53,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 96.2820, -30.7050, 95.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 53, 34) }
```

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

```
.background{ background-color: rgb(205, 53,  
34) }
```

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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