

Converting Colors

YUV(114.1910, -39.5342,
80.5165)

Have a look what the booklet for
YUV(114.1910, -39.5342, 80.5165)
contains.

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Color

**YUV(114.1910, -39.5342,
80.5165)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CE5322 |
| RGB | 206, 83, 34 |
| RGB Percent | 81%, 33%, 13% |
| CMY | 0.1922, 0.6745, 0.8667 |
| CMYK | 0.00, 0.60, 0.83, 0.19 |
| HSL | 17°, 72%, 47% |
| HSV | 17°, 83%, 81% |
| XYZ | 28.8356, 19.4238, 3.7427 |
| YIQ | 114.1910, 89.0370, 10.8370 |

Conversions

Conversions Part 2

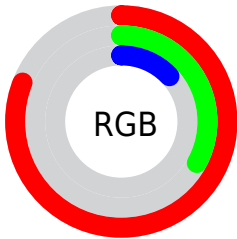
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 206, 103, 34 |
| Decimal | 13521698 |
| CIELab | 51.18, 46.40, 50.80 |
| CIElCh | 51, 68.802, 47.589 |
| Yxy | 19.4238, 0.5545, 0.3735 |
| Android (android.graphics.Color) | 4291711778 (0xFFCE5322) |
| YUV | 114.1910, -39.5342, 80.5165 |
| Hunter-Lab | 44.0725, 39.6616, 25.8157 |

Details

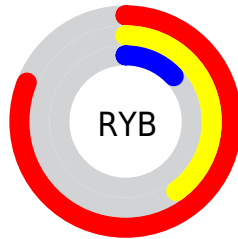
The YUV color **114.1910, -39.5342, 80.5165** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **125.8090, 39.5342, -80.5165**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5390, -40.6917, 78.4573**, and **59.4920, -29.3296, 74.1135** is the 20% darker color. If you saturate the color by 10%, you get **102.9920, -44.3661, 90.3380**, and if you desaturate by 10%, it is **125.3900, -34.7023, 70.6950**.

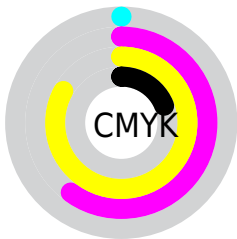
Distribution



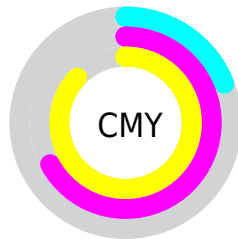
- Red (81%)
- Green (33%)
- Blue (13%)



- Red (81%)
- Yellow (40%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (83%)
- Black (19%)



- Cyan (19%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1910, -39.5342, 80.5165 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 114.1910, -39.5342, 80.5165 by changing the saturation by 10% instead.

■ 114.1910,
-39.5342, 80.5165

■ 114.1910,
-39.5342, 80.5165

255.0000, 0.0000,
0.0000

■ 85.8810, -39.3813,
78.1574

■ 165.5390,
-40.6917, 78.4573

■ 59.4920, -29.3296,
74.1135

■ 184.9390,
-37.4379, 61.4435

■ 34.0860, -16.8044,
70.0846

■ 204.3390,
-34.1841, 44.4297

■ 25.1160, -12.3822,
51.6413

■ 223.7390,
-30.9303, 27.4159

■ 17.2710, -7.5286,
34.8423

■ 243.9540,
-27.0923, 9.6873

■ 5.6810, -2.8007,
11.6808

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

114.1910,
-39.5342, 80.5165

114.1910,
-39.5342, 80.5165

102.9920,
-44.3661, 90.3380

125.3900,
-34.7023, 70.6950

96.2270, -47.4399,
96.2709

135.8880,
-30.0178, 61.4882

147.0870,
-25.1859, 51.6667

158.1720,
-20.7908, 41.9452

169.3710,
-15.9589, 32.1236

■ 179.9830,
-10.8376, 22.8169

■ 191.0680, -6.4425,
13.0954

■ 202.2670, -1.6106,
3.2738

■ 213.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



110.1080, -9.9132, 99.8833



114.1910, -39.5342, 80.5165



114.5030, -56.4500, 46.0399

Triad

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



114.1910, -39.5342, 80.5165



96.5320, -0.7553, -84.6586



110.7180, 61.2710, -52.3727

Complementary

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



114.1910, -39.5342, 80.5165



125.8090, 39.5342, -80.5165

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.



106.9640, 64.6007, -93.8074



114.1910, -39.5342, 80.5165



104.6600, 25.3106, -91.7868

Square

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



114.1910, -39.5342, 80.5165



95.9830, -31.5436, -56.1131



108.8270, 48.8923, -95.4413



124.3180, 38.2972, 36.5551

Rectangle

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



114.1910, -39.5342, 80.5165



112.8540, -55.6370, 18.5450



108.8270, 48.8923, -95.4413



100.1480, 68.9470, -87.8298

Sweetspot

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



114.1910, -39.5342, 80.5165



220.7020, -14.6431, 30.0793



99.4500, 28.3722, 93.4444



107.1180, -8.9322, 18.3135



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.



114.1910, -39.5342, 80.5165



119.0960, -58.7143, 119.1878



164.6730, -64.4218, 36.2438



96.7510, -2.3422, 4.6034



77.2230, -38.0709, 77.8574



17.8190, -8.7848, 17.6987

Inverse Universe

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



125.8090, 39.5342, -80.5165



135.9040, 58.7143, -119.1878



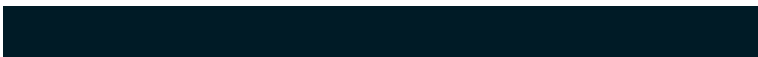
75.3270, 64.4218, -36.2438



97.2490, 2.3422, -4.6034



88.7770, 38.0709, -77.8574



20.1810, 8.7848, -17.6987

Previews

White Background



This preview shows how the YUV color 114.1910, -39.5342, 80.5165 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 114.1910, -39.5342, 80.5165 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 114.1910, -39.5342, 80.5165

Background



This preview shows how black text looks on a background with the YUV color 114.1910, -39.5342, 80.5165.



This preview shows how white text looks on a background with the YUV color 114.1910, -39.5342, 80.5165.

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

114.1910, -39.5342, 80.5165

Protanopia

118.1800, -36.5707, 16.5051

Deuteranopia

116.7170, -47.6815, 33.5742



Tritanopia

117.4400, -16.9789, 79.4211

Trichromacy



Original Color

114.1910, -39.5342, 80.5165

Protanomaly

116.3940, -37.6622, 39.9965

Deuteranomaly

115.9240, -44.8255, 50.9327

Tritanomaly

116.2630, -25.2727, 79.5763

Monochromacy



Original Color

114.1910, -39.5342, 80.5165

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1040, -14.3483, 28.8498

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1910, -39.5342, 80.5165 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(206, 83, 34)` looks like.

```
.text, #text, p{  
    color:rgb(206, 83, 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(206, 83, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 83, 34) }
```

Border

The CSS property to change the border of an element to YUV 114.1910, -39.5342, 80.5165 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(206, 83, 34) }
```


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

```
.border{ border-color:rgb(206, 83, 34) }
```

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

Here you see how a box with a 4 pixel rgb(206, 83, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 83, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 83, 34);  
box-shadow:4px 4px 4px 4px rgb(206, 83,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 114.1910, -39.5342, 80.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 83, 34) }
```

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

```
.background{ background-color: rgb(206, 83,  
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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