

Converting Colors

YUV(95.4350, -36.2035,
85.5645)

Have a look what the booklet for
YUV(95.4350, -36.2035, 85.5645)
contains.

YUV(95.4350, -36.2035, 85.5645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.4350, -36.2035,
85.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	C13C16
RGB	193, 60, 22
RGB Percent	76%, 24%, 9%
CMY	0.2431, 0.7647, 0.9137
CMYK	0.00, 0.69, 0.89, 0.24
HSL	13°, 80%, 42%
HSV	13°, 89%, 76%
XYZ	23.7530, 14.6271, 2.3304
YIQ	95.4350, 91.4660, 16.3780

Conversions

Conversions Part 2

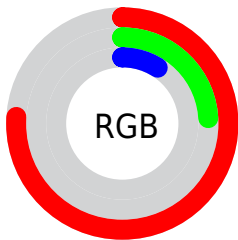
Format	Color
R_{YB}	193, 71, 22
Decimal	12663830
CIE Lab	45.12, 51.50, 49.85
CIE LCh	45, 71.671, 44.068
Yxy	14.6271, 0.5835, 0.3593
Android (android.graphics.Color)	4290853910 (0xFFC13C16)
YUV	95.4350, -36.2035, 85.5645
Hunter-Lab	38.2454, 43.9312, 23.1590

Details

The YUV color **95.4350, -36.2035, 85.5645** 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 **119.5650, 36.2035, -85.5645**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8440, -39.8561, 90.4678**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **84.4640, -40.1618, 95.1861**, and if you desaturate by 10%, it is **106.4060, -32.2452, 75.9429**.

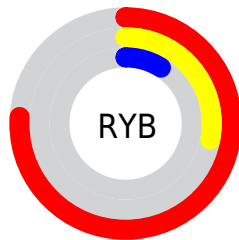
Distribution



Red (76%)

Green (24%)

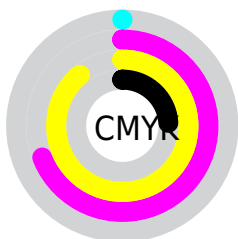
Blue (9%)



Red (76%)

Yellow (28%)

Blue (9%)

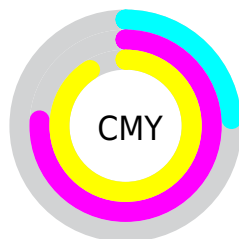


Cyan (0%)

Magenta (69%)

Yellow (89%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.4350, -36.2035, 85.5645 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 95.4350, -36.2035, 85.5645 by changing the saturation by 10% instead.


 95.4350, -36.2035,
85.5645

 95.4350, -36.2035,
85.5645


255.0000, 0.0000,
0.0000


 66.0480, -32.5617,
84.1499


 151.8440,
-39.8561, 90.4678

 39.1690, -19.3103,
80.5358


 170.5430,
-36.7497, 74.0688

 29.9000, -14.7407,
61.4777

 189.8290,
-33.9327, 57.1550

 21.2290, -10.4659,
43.6492

 209.2290,
-30.6789, 40.1412

 12.9710, -5.9017,
26.3354

 229.3300,
-27.2777, 22.5126

 0.0000, 0.0000,
0.0000

 248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 95.4350, -36.2035,
85.5645

■ 95.4350, -36.2035,
85.5645

■ 84.4640, -40.1618,
95.1861

■ 106.4060,
-32.2452, 75.9429

■ 82.9480, -40.8934,
96.5156

■ 117.4910,
-27.8501, 66.2214

■ 128.4620,
-23.8918, 56.5998

■ 139.4330,
-19.9335, 46.9783

■ 150.5180,
-15.5384, 37.2567

■ 161.4890,
-11.5801, 27.6351

■ 172.4600, -7.6218,
18.0136

■ 183.4310, -3.6635,
8.3920

■ 194.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



82.4050, -0.1997, 111.0238



95.4350, -36.2035, 85.5645



100.6480, -49.6195, 48.5437

Triad

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



95.4350, -36.2035, 85.5645



84.4040, -6.6082, -74.0223



87.2850, 67.8935, -76.5489

Complementary

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



95.4350, -36.2035, 85.5645



119.5650, 36.2035, -85.5645

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.



97.6230, 61.8109, -85.6154



95.4350, -36.2035, 85.5645



92.7600, 20.3313, -81.3505

Square

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



95.4350, -36.2035, 85.5645



77.8600, -38.3850, -55.1282



98.5570, 45.0814, -86.4345



108.5990, 42.1027, 29.2927

Rectangle

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



95.4350, -36.2035, 85.5645



99.5860, -49.0959, 20.5341



98.5570, 45.0814, -86.4345



91.7360, 67.1782, -80.4525

Sweetspot

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



95.4350, -36.2035, 85.5645



211.1370, -14.3645, 34.0829



88.4050, 33.3243, 91.7298



102.2430, -8.5008, 19.9579



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.



95.4350, -36.2035, 85.5645



107.6220, -53.0576, 124.8655



145.3300, -60.8017, 41.8066



91.1640, -2.0529, 5.1182



69.2710, -34.1506, 80.4463



13.9760, -6.8902, 16.6840

Inverse Universe

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



119.5650, 36.2035, -85.5645



142.3780, 53.0576, -124.8655



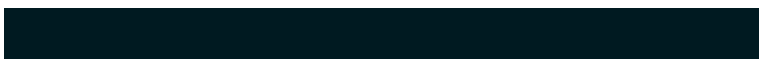
69.6700, 60.8017, -41.8066



92.8360, 2.0529, -5.1182



91.7290, 34.1506, -80.4463



19.0240, 6.8902, -16.6840

Previews

White Background



This preview shows how the YUV color 95.4350, -36.2035, 85.5645 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 95.4350, -36.2035, 85.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

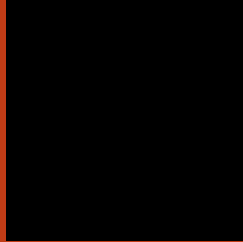
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.4350, -36.2035, 85.5645

Background



This preview shows how black text looks on a background with the YUV color 95.4350, -36.2035, 85.5645.



This preview shows how white text looks on a background with the YUV color 95.4350, -36.2035,

85.5645.

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

95.4350, -36.2035, 85.5645

Protanopia

103.4510, -34.2393, 15.3905

Deuteranopia

100.5380, -49.5652, 31.1002



Tritanopia

97.6040, -19.0318, 84.5393

Trichromacy



Original Color

95.4350, -36.2035, 85.5645

Protanomaly

100.7900, -34.8995, 40.5262

Deuteranomaly

98.9240, -44.8255, 50.9327

Tritanomaly

96.7090, -24.9995, 85.3242

Monochromacy



Original Color

95.4350, -36.2035, 85.5645

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0550, -13.3381, 31.5238

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4350, -36.2035, 85.5645 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(193, 60, 22)` looks like.

```
.text, #text, p{  
    color:rgb(193, 60, 22)  
}
```

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(193, 60, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 60, 22) }
```

Border

The CSS property to change the border of an element to YUV 95.4350, -36.2035, 85.5645 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(193, 60, 22) }
```


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

```
.border{ border-color:rgb(193, 60, 22) }
```

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

Here you see how a box with a 4 pixel rgb(193, 60, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 60, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 60, 22);  
box-shadow:4px 4px 4px 4px rgb(193, 60,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 95.4350, -36.2035, 85.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 60, 22) }
```

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

```
.background{ background-color: rgb(193, 60,  
22) }
```

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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