

Converting Colors

YUV(113.4940, -55.9525,
73.2348)

Have a look what the booklet for
YUV(113.4940, -55.9525, 73.2348)
contains.

YUV(113.4940, -55.9525, 73.2348)	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(113.4940, -55.9525,
73.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	C55D00
RGB	197, 93, 0
RGB Percent	77%, 36%, 0%
CMY	0.2275, 0.6353, 1.0000
CMYK	0.00, 0.53, 1.00, 0.23
HSL	28°, 100%, 39%
HSV	28°, 100%, 77%
XYZ	26.9403, 19.6990, 2.3824
YIQ	113.4940, 91.8370, -6.8750

Conversions

Conversions Part 2

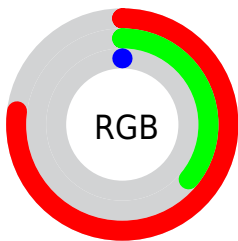
Format	Color
RYB	197, 176, 0
Decimal	12934400
CIELab	51.50, 37.51, 60.43
CIELCh	51, 71.129, 58.170
Yxy	19.6990, 0.5496, 0.4018
Android (android.graphics.Color)	4291124480 (0xFFC55D00)
YUV	113.4940, -55.9525, 73.2348
Hunter-Lab	44.3836, 30.6761, 27.8860

Details

The YUV color **113.4940, -55.9525, 73.2348** 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 **83.5060, 55.9525, -73.2348**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5420, -52.0322, 75.8237**, and **65.9050, -32.4912, 61.4733** is the 20% darker color. If you saturate the color by 10%, you get **113.4940, -55.9525, 73.2348**, and if you desaturate by 10%, it is **121.6440, -50.1105, 66.0872**.

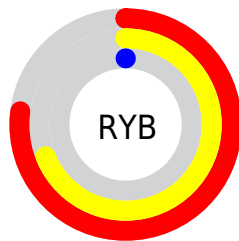
Distribution



Red (77%)

Green (36%)

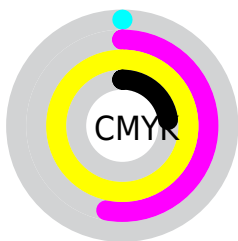
Blue (0%)



Red (77%)

Yellow (69%)

Blue (0%)

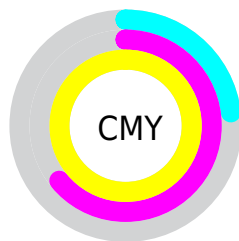


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4940, -55.9525, 73.2348 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 113.4940, -55.9525, 73.2348 by changing the saturation by 10% instead.

113.4940,
-55.9525, 73.2348

113.4940,
-55.9525, 73.2348

255.0000, 0.0000,
0.0000

89.5500, -44.1482,
67.0466

168.5420,
-52.0322, 75.8237

65.9050, -32.4912,
61.4733

187.3550,
-48.4890, 59.3247

40.7870, -20.1080,
56.3148

206.7550,
-45.2352, 42.3109

22.7240, -11.2029,
46.7231

226.8560,
-41.8340, 24.6823

15.3630, -7.0810,
31.2536

245.1960,
-37.5646, 8.5981


0.5980, -0.2948,
1.2296


248.3880,


0.0000, 0.0000,


-25.3343, 5.7987


0.0000


 251.6940,
-12.6671, 2.8994


 113.4940,
-55.9525, 73.2348

 121.6440,
-50.1105, 66.0872

 130.2670,
-44.9946, 58.5248

 138.4170,
-39.1526, 51.3773

 147.1540,
-33.5999, 43.7149

 155.3040,
-27.7579, 36.5674

■ 163.3400,
-22.3526, 29.5198

■ 172.0770,
-16.8000, 21.8575

■ 180.2270,
-10.9579, 14.7099

■ 188.8500, -5.8420,
7.1476

Harmonies

Analogous

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



110.6490, -20.5330, 99.4088



113.4940, -55.9525, 73.2348



115.3010, -56.8434, 32.1850

Triad

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



113.4940, -55.9525, 73.2348



100.8010, 7.9861, -88.4025



122.0220, 53.7262, -12.2973

Complementary

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



113.4940, -55.9525, 73.2348



83.5060, 55.9525, -73.2348

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.



105.5280, 69.2527, -92.5481



113.4940, -55.9525, 73.2348



107.8690, 35.0676, -94.6011

Square

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



113.4940, -55.9525, 73.2348



91.1570, -18.8114, -79.9447



110.2920, 57.0440, -96.7261



122.5660, 32.2590, 60.0166

Rectangle

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



113.4940, -55.9525, 73.2348



110.9830, -54.7146, 2.6459



110.2920, 57.0440, -96.7261



110.6900, 63.7498, -54.1021

Sweetspot

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



113.4940, -55.9525, 73.2348



222.8560, -21.6210, 28.1903



70.8730, 16.8246, 110.6134



108.0810, -12.8579, 17.4690



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.



113.4940, -55.9525, 73.2348



146.6850, -72.3157, 94.9923



170.4330, -84.0235, 23.2993



95.0390, -2.4842, 3.4738



93.9360, -46.3104, 60.5691



20.7430, -10.2263, 13.3804

Inverse Universe

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



83.5060, 55.9525, -73.2348



108.3150, 72.3157, -94.9923



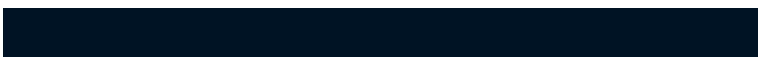
26.5670, 84.0235, -23.2993



93.9610, 2.4842, -3.4738



69.0640, 46.3104, -60.5691



15.2570, 10.2263, -13.3804

Previews

White Background



This preview shows how the YUV color 113.4940, -55.9525, 73.2348 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 113.4940, -55.9525, 73.2348 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 113.4940, -55.9525, 73.2348

Background



This preview shows how black text looks on a background with the YUV color 113.4940, -55.9525, 73.2348.



This preview shows how white text looks on a background with the YUV color 113.4940, -55.9525, 73.2348.

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

113.4940, -55.9525, 73.2348

Protanopia

116.4010, -48.5117, 19.8193

Deuteranopia

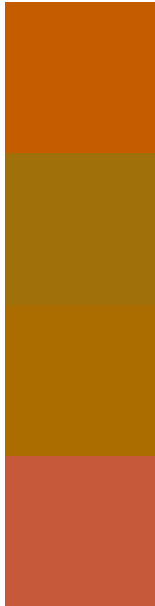
115.3230, -56.8542, 35.6737



Tritanopia

121.3570, -14.4730, 68.9699

Trichromacy



Original Color

113.4940, -55.9525, 73.2348

Protanomaly

115.4250, -51.4815, 39.0923

Deuteranomaly

114.5250, -56.4608, 49.5286

Tritanomaly

118.4700, -29.3187, 70.6248

Monochromacy



Original Color

113.4940, -55.9525, 73.2348

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4860, -20.4526, 26.7608

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4940, -55.9525, 73.2348 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(197, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 93, 0)  
}
```

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(197, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 93, 0) }
```

Border

The CSS property to change the border of an element to YUV 113.4940, -55.9525, 73.2348 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(197, 93, 0) }
```


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

```
.border{ border-color:rgb(197, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(197, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 113.4940, -55.9525, 73.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 93, 0) }
```

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

```
.background{ background-color: rgb(197, 93,  
0) }
```

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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