

Converting Colors

YUV(114.4940, -55.9525,
73.2348)

Have a look what the booklet for
YUV(114.4940, -55.9525, 73.2348)
contains.

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Color

**YUV(114.4940, -55.9525,
73.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	C65E01
RGB	198, 94, 1
RGB Percent	78%, 37%, 0%
CMY	0.2235, 0.6314, 0.9961
CMYK	0.00, 0.53, 0.99, 0.22
HSL	28°, 99%, 39%
HSV	28°, 99%, 78%
XYZ	27.2969, 20.0134, 2.4530
YIQ	114.4940, 91.8370, -6.8750

Conversions

Conversions Part 2

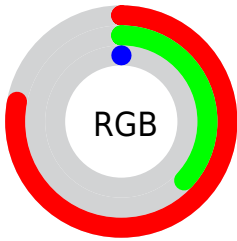
Format	Color
RYB	198, 177, 1
Decimal	13000193
CIELab	51.85, 37.42, 60.50
CIELCh	52, 71.136, 58.265
Yxy	20.0134, 0.5485, 0.4022
Android (android.graphics.Color)	4291190273 (0xFFC65E01)
YUV	114.4940, -55.9525, 73.2348
Hunter-Lab	44.7363, 30.6274, 28.0644

Details

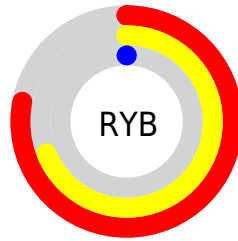
The YUV color **114.4940, -55.9525, 73.2348** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **84.5060, 55.9525, -73.2348**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1290, -52.3216, 75.3089**, and **66.7910, -32.9280, 61.5733** is the 20% darker color. If you saturate the color by 10%, you get **113.7930, -56.0999, 73.8495**, and if you desaturate by 10%, it is **122.6440, -50.1105, 66.0872**.

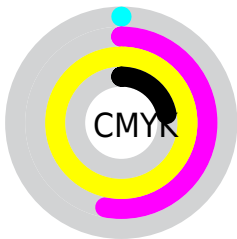
Distribution



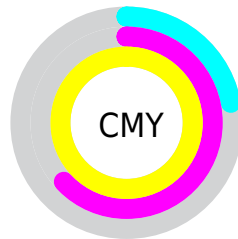
- Red (78%)
- Green (37%)
- Blue (0%)



- Red (78%)
- Yellow (69%)
- Blue (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (99%)
- Black (22%)



- Cyan (22%)
- Magenta (63%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4940, -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 114.4940, -55.9525, 73.2348 by changing the saturation by 10% instead.

■ 114.4940,
-55.9525, 73.2348

■ 114.4940,
-55.9525, 73.2348

■ 255.0000, 0.0000,
0.0000

■ 90.4360, -44.5849,
67.1466

■ 169.1290,
-52.3216, 75.3089

■ 66.7910, -32.9280,
61.5733

■ 187.9420,
-48.7784, 58.8099

■ 41.6730, -20.5448,
56.4148

■ 207.4560,
-45.0878, 41.6961

■ 23.0230, -11.3503,
47.3378

■ 227.5570,
-41.6866, 24.0675

■ 15.3630, -7.0810,
31.2536

■ 245.3100,
-37.1278, 8.4981


■ 1.7940, -0.8844,
3.6887


■ 248.5020,


■ 0.0000, 0.0000,


-24.8975, 5.6987


0.0000


 251.8080,
-12.2303, 2.7994


 114.4940,
-55.9525, 73.2348


 114.4940,
-55.9525, 73.2348

 113.7930,
-56.0999, 73.8495

 122.6440,
-50.1105, 66.0872

 131.3810,
-44.5578, 58.4249

 139.4170,
-39.1526, 51.3773

 148.1540,
-33.5999, 43.7149

 156.3040,
-27.7579, 36.5674

■ 165.0410,
-22.2052, 28.9050

■ 173.1910,
-16.3632, 21.7575

■ 181.8140,
-11.2473, 14.1951

■ 189.9640, -5.4053,
7.0476

Harmonies

Analogous

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



111.6490, -20.5330, 99.4088



114.4940, -55.9525, 73.2348



115.8880, -57.1328, 31.6702

Triad

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



114.4940, -55.9525, 73.2348



101.5020, 8.1335, -89.0173



123.0220, 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.



114.4940, -55.9525, 73.2348



84.5060, 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.



106.2290, 69.4001, -93.1628



114.4940, -55.9525, 73.2348



108.5700, 35.2150, -95.2159

Square

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



114.4940, -55.9525, 73.2348



91.8580, -18.6640, -80.5595



110.9930, 57.1915, -97.3409



123.5660, 32.2590, 60.0166

Rectangle

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



114.4940, -55.9525, 73.2348



111.8690, -55.1514, 2.7459



110.9930, 57.1915, -97.3409



112.2880, 63.4550, -52.8726

Sweetspot

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



114.4940, -55.9525, 73.2348



222.8560, -21.6210, 28.1903



71.8730, 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.



114.4940, -55.9525, 73.2348



146.6850, -72.3157, 94.9923



171.4330, -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.



84.5060, 55.9525, -73.2348



108.3150, 72.3157, -94.9923



27.5670, 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 114.4940, -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 114.4940, -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 114.4940, -55.9525, 73.2348

Background



This preview shows how black text looks on a background with the YUV color 114.4940, -55.9525, 73.2348.



This preview shows how white text looks on a background with the YUV color 114.4940, -55.9525, 73.2348.

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

114.4940, -55.9525, 73.2348

Protanopia

117.2870, -48.9485, 19.9193

Deuteranopia

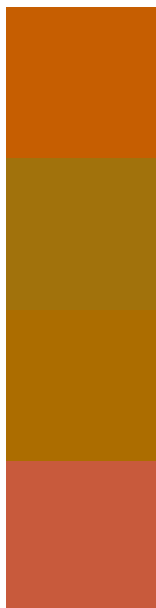
116.2090, -57.2910, 35.7737



Tritanopia

121.7700, -14.1836, 69.4847

Trichromacy



Original Color

114.4940, -55.9525, 73.2348

Protanomaly

116.4250, -51.4815, 39.0923

Deuteranomaly

115.4110, -56.8976, 49.6286

Tritanomaly

119.4700, -29.3187, 70.6248

Monochromacy



Original Color

114.4940, -55.9525, 73.2348

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.4860, -20.4526, 26.7608

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4940, -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(198, 94, 1)` looks like.

```
.text, #text, p{  
    color:rgb(198, 94, 1)  
}
```

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(198, 94, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 94, 1) }
```

Border

The CSS property to change the border of an element to YUV 114.4940, -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(198, 94, 1) }
```


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

```
.border{ border-color:rgb(198, 94, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 94, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 94, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 94, 1);  
box-shadow:4px 4px 4px 4px rgb(198, 94, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 114.4940, -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(198, 94, 1) }
```

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

```
.background{ background-color: rgb(198, 94,  
1) }
```

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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