

Converting Colors

YUV(113.3270, -55.8702,
93.5522)

Have a look what the booklet for
YUV(113.3270, -55.8702, 93.5522)
contains.

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Color

**YUV(113.3270, -55.8702,
93.5522)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5100
RGB	220, 81, 0
RGB Percent	86%, 32%, 0%
CMY	0.1373, 0.6824, 1.0000
CMYK	0.00, 0.63, 1.00, 0.14
HSL	22°, 100%, 43%
HSV	22°, 100%, 86%
XYZ	32.4576, 21.1005, 2.3621
YIQ	113.3270, 108.8450, 4.2770

Conversions

Conversions Part 2

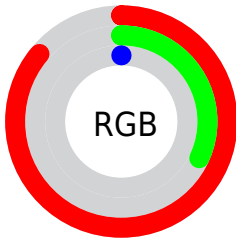
Format	Color
RYB	220, 128, 0
Decimal	14438656
CIELab	53.06, 51.82, 63.29
CIElCh	53, 81.794, 50.692
Yxy	21.1005, 0.5804, 0.3773
Android (android.graphics.Color)	4292628736 (0xFFDC5100)
YUV	113.3270, -55.8702, 93.5522
Hunter-Lab	45.9353, 45.7404, 29.1059

Details

The YUV color **113.3270, -55.8702, 93.5522** 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 **106.6730, 55.8702, -93.5522**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5580, -49.5751, 81.0716**, and **58.9710, -29.0727, 85.0944** is the 20% darker color. If you saturate the color by 10%, you get **113.3270, -55.8702, 93.5522**, and if you desaturate by 10%, it is **124.0530, -50.3121, 84.1455**.

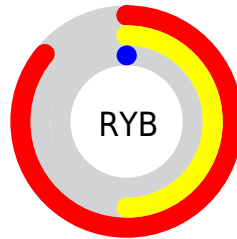
Distribution



Red (86%)

Green (32%)

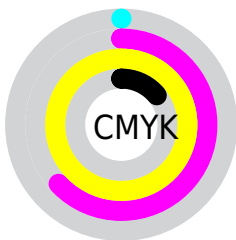
Blue (0%)



Red (86%)

Yellow (50%)

Blue (0%)

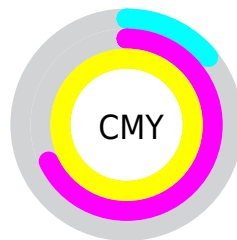


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3270, -55.8702, 93.5522 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 113.3270, -55.8702, 93.5522 by changing the saturation by 10% instead.

■ 113.3270,
-55.8702, 93.5522

■ 113.3270,
-55.8702, 93.5522

■ 254.8860, -0.4368,
0.1000

■ 87.3230, -43.0502,
88.2937

■ 162.5580,
-49.5751, 81.0716

■ 58.9710, -29.0727,
85.0944

■ 181.9580,
-46.3213, 64.0578

■ 37.3750, -18.4259,
76.8471

■ 201.4720,
-42.6307, 46.9441

■ 28.1060, -13.8563,
57.7890

■ 221.4590,
-39.6663, 29.4155

■ 19.8480, -9.2921,
40.4753

■ 241.6740,
-35.8283, 11.6869


■ 10.8780, -4.8699,
22.0320


■ 248.3880,


■ 0.0000, 0.0000,

-25.3343, 5.7987


0.0000


 251.5800,
-13.1039, 2.9993

 113.3270,
-55.8702, 93.5522

 124.0530,
-50.3121, 84.1455

 134.7790,
-44.7540, 74.7388

 145.5050,
-39.1960, 65.3321

 156.2310,
-33.6379, 55.9254

 166.9570,
-28.0798, 46.5187

■ 177.0960,
-22.2323, 37.6268

■ 187.8220,
-16.6742, 28.2201

■ 198.5480,
-11.1162, 18.8134

■ 209.2740, -5.5581,
9.4067

Harmonies

Analogous

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



100.8000, -9.2684, 126.4634



113.3270, -55.8702, 93.5522



119.5200, -58.9234, 46.0250

Triad

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



113.3270, -55.8702, 93.5522



102.6130, -0.3022, -89.9916



111.7910, 70.6020, -58.5757

Complementary

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



113.3270, -55.8702, 93.5522



106.6730, 55.8702, -93.5522

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.



112.4240, 70.2900, -98.5958



113.3270, -55.8702, 93.5522



111.5220, 31.2947, -97.8048

Square

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



113.3270, -55.8702, 93.5522



89.5150, -35.2569, -78.5047



116.7150, 58.8075, -102.3591



127.0240, 44.3582, 52.5990

Rectangle

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



113.3270, -55.8702, 93.5522



116.6530, -57.5099, 12.5823



116.7150, 58.8075, -102.3591



104.2060, 74.3414, -91.3887

Sweetspot

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



113.3270, -55.8702, 93.5522



218.1600, -19.3059, 32.3087



81.6260, 28.2854, 121.3540



105.1460, -11.4110, 20.0430



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.



113.3270, -55.8702, 93.5522



131.4230, -64.7915, 108.3770



177.8970, -87.7032, 36.9243



104.6370, -2.7790, 4.7034



89.2950, -44.0224, 73.4093



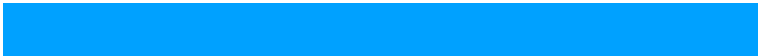
23.7330, -11.7004, 19.5282

Inverse Universe

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



106.6730, 55.8702, -93.5522



123.5770, 64.7915, -108.3770



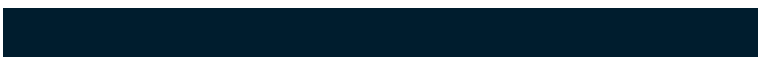
42.1030, 87.7032, -36.9243



104.3630, 2.7790, -4.7034



84.2920, 43.7330, -73.9241



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 113.3270, -55.8702, 93.5522 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 113.3270, -55.8702, 93.5522 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 113.3270, -55.8702, 93.5522

Background



This preview shows how black text looks on a background with the YUV color 113.3270, -55.8702, 93.5522.



This preview shows how white text looks on a background with the YUV color 113.3270, -55.8702, 93.5522.

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

113.3270, -55.8702, 93.5522

Protanopia

120.4010, -48.5117, 19.8193

Deuteranopia

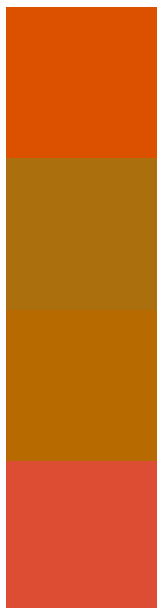
119.1660, -58.7488, 36.6884



Tritanopia

119.5230, -19.4848, 89.8723

Trichromacy



Original Color

113.3270, -55.8702, 93.5522

Protanomaly

117.8820, -51.2138, 46.5845

Deuteranomaly

116.6400, -57.5035, 57.3207

Tritanomaly

117.0920, -32.5834, 91.1273

Monochromacy



Original Color

113.3270, -55.8702, 93.5522

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9430, -20.1849, 34.2530

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3270, -55.8702, 93.5522 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(220, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(220, 81, 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(220, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 81, 0) }
```

Border

The CSS property to change the border of an element to YUV 113.3270, -55.8702, 93.5522 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(220, 81, 0) }
```


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

```
.border{ border-color:rgb(220, 81, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 81, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(220, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 113.3270, -55.8702, 93.5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 81, 0) }
```

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

```
.background{ background-color: rgb(220, 81,  
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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