

Converting Colors

YUV(113.0280, -55.7228,
92.9374)

Have a look what the booklet for
YUV(113.0280, -55.7228, 92.9374)
contains.

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Color

**YUV(113.0280, -55.7228,
92.9374)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5100
RGB	219, 81, 0
RGB Percent	86%, 32%, 0%
CMY	0.1412, 0.6824, 1.0000
CMYK	0.00, 0.63, 1.00, 0.14
HSL	22°, 100%, 43%
HSV	22°, 100%, 86%
XYZ	32.1558, 20.9449, 2.3480
YIQ	113.0280, 108.2490, 4.0650

Conversions

Conversions Part 2

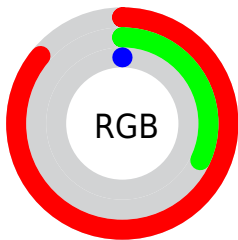
Format	Color
RYB	219, 129, 0
Decimal	14373120
CIELab	52.89, 51.46, 63.11
CIElCh	53, 81.430, 50.803
Yxy	20.9449, 0.5799, 0.3777
Android (android.graphics.Color)	4292563200 (0xFFDB5100)
YUV	113.0280, -55.7228, 92.9374
Hunter-Lab	45.7656, 45.3278, 28.9941

Details

The YUV color **113.0280, -55.7228, 92.9374** 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 **105.9720, 55.7228, -92.9374**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5580, -49.5751, 81.0716**, and **58.6720, -28.9253, 84.4797** is the 20% darker color. If you saturate the color by 10%, you get **113.0280, -55.7228, 92.9374**, and if you desaturate by 10%, it is **123.7540, -50.1647, 83.5307**.

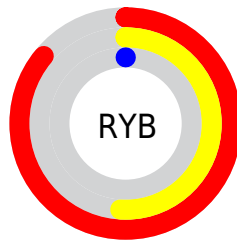
Distribution



Red (86%)

Green (32%)

Blue (0%)



Red (86%)

Yellow (51%)

Blue (0%)

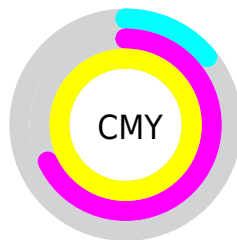


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0280, -55.7228, 92.9374 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 113.0280, -55.7228, 92.9374 by changing the saturation by 10% instead.

113.0280,
-55.7228, 92.9374

113.0280,
-55.7228, 92.9374

254.8860, -0.4368,
0.1000

87.0240, -42.9028,
87.6790

162.5580,
-49.5751, 81.0716

58.6720, -28.9253,
84.4797

181.9580,
-46.3213, 64.0578

37.0760, -18.2785,
76.2323

201.3580,
-43.0675, 47.0440

27.8070, -13.7089,
57.1743

221.4590,
-39.6663, 29.4155

19.5490, -9.1447,
39.8605

241.6740,
-35.8283, 11.6869


10.5790, -4.7224,
21.4172


248.3880,


0.0000, 0.0000,

-25.3343, 5.7987


0.0000


 251.5800,
-13.1039, 2.9993

 113.0280,
-55.7228, 92.9374

 123.7540,
-50.1647, 83.5307

 134.4800,
-44.6066, 74.1240

 144.6190,
-38.7592, 65.2321

 155.3450,
-33.2011, 55.8254

 166.0710,
-27.6430, 46.4187

■ 176.6830,
-22.5217, 37.1120

■ 187.4090,
-16.9636, 27.7053

■ 197.5480,
-11.1162, 18.8134

■ 208.2740, -5.5581,
9.4067

Harmonies

Analogous

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



101.0880, -9.4104, 125.3338



113.0280, -55.7228, 92.9374



119.2210, -58.7760, 45.4102

Triad

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



113.0280, -55.7228, 92.9374



102.0260, -0.0128, -89.4768



112.3890, 70.3072, -57.3462

Complementary

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



113.0280, -55.7228, 92.9374



105.9720, 55.7228, -92.9374

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



113.0280, -55.7228, 92.9374



111.4080, 30.8579, -97.7048

Square

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



113.0280, -55.7228, 92.9374



89.6290, -34.8201, -78.6046



116.6010, 58.3707, -102.2591



126.0240, 44.3582, 52.5990

Rectangle

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



113.0280, -55.7228, 92.9374



115.7670, -57.0731, 12.4823



116.6010, 58.3707, -102.2591



103.6190, 74.6308, -90.8739

Sweetspot

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



113.0280, -55.7228, 92.9374



218.1600, -19.3059, 32.3087



81.3270, 28.4328, 120.7392



105.7330, -11.7004, 19.5282



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.



113.0280, -55.7228, 92.9374



131.4230, -64.7915, 108.3770



177.0110, -87.2664, 36.8244



104.6370, -2.7790, 4.7034



89.2950, -44.0224, 73.4093



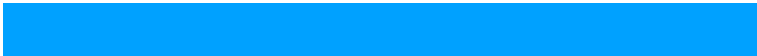
23.7330, -11.7004, 19.5282

Inverse Universe

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



105.9720, 55.7228, -92.9374



123.5770, 64.7915, -108.3770



41.9890, 87.2664, -36.8244



104.3630, 2.7790, -4.7034



83.7050, 44.0224, -73.4093



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 113.0280, -55.7228, 92.9374 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 113.0280, -55.7228, 92.9374 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 113.0280, -55.7228, 92.9374

Background



This preview shows how black text looks on a background with the YUV color 113.0280, -55.7228, 92.9374.



This preview shows how white text looks on a background with the YUV color 113.0280, -55.7228, 92.9374.

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

113.0280, -55.7228, 92.9374

Protanopia

119.8140, -48.2223, 20.3341

Deuteranopia

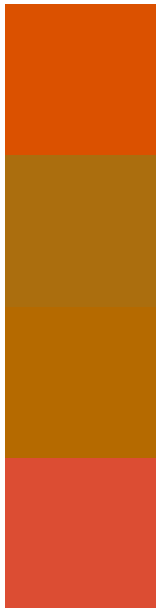
118.2800, -58.3120, 36.5884



Tritanopia

119.2240, -19.3374, 89.2576

Trichromacy



Original Color

113.0280, -55.7228, 92.9374

Protanomaly

117.2950, -50.9244, 47.0993

Deuteranomaly

116.3410, -57.3561, 56.7059

Tritanomaly

116.7930, -32.4359, 90.5125

Monochromacy



Original Color

113.0280, -55.7228, 92.9374

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 113.0280, -55.7228, 92.9374 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(219, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 81, 0) }
```

Border

The CSS property to change the border of an element to YUV 113.0280, -55.7228, 92.9374 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(219, 81, 0) }
```


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

```
.border{ border-color:rgb(219, 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(219, 81, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 113.0280, -55.7228, 92.9374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 81, 0) }
```

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

```
.background{ background-color: rgb(219, 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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