

Converting Colors

YUV(111.5790, -44.6554,
89.8232)

Have a look what the booklet for
YUV(111.5790, -44.6554, 89.8232)
contains.

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Color

**YUV(111.5790, -44.6554,
89.8232)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D64D15 |
| RGB | 214, 77, 21 |
| RGB Percent | 84%, 30%, 8% |
| CMY | 0.1608, 0.6980, 0.9176 |
| CMYK | 0.00, 0.64, 0.90, 0.16 |
| HSL | 17°, 82%, 46% |
| HSV | 17°, 90%, 84% |
| XYZ | 30.5208, 19.6580, 2.8952 |
| YIQ | 111.5790, 99.6280, 11.6280 |

Conversions

Conversions Part 2

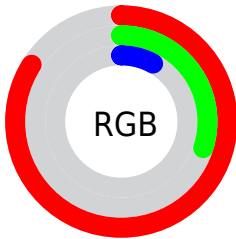
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 214, 100, 21 |
| Decimal | 14044437 |
| CIE _{Lab} | 51.45, 51.67, 56.60 |
| CIE _{LCh} | 51, 76.631, 47.607 |
| Yxy | 19.6580, 0.5751, 0.3704 |
| Android (android.graphics.Color) | 4292234517 (0xFFD64D15) |
| YUV | 111.5790, -44.6554, 89.8232 |
| Hunter-Lab | 44.3374, 45.2847, 27.1645 |

Details

The YUV color **111.5790, -44.6554, 89.8232** 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 **123.4210, 44.6554, -89.8232**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4640, -43.6128, 82.0311**, and **53.3670, -26.3099, 85.6241** is the 20% darker color. If you saturate the color by 10%, you get **100.3800, -49.4873, 99.6447**, and if you desaturate by 10%, it is **122.7780, -39.8236, 80.0017**.

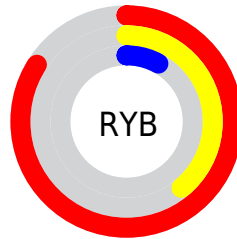
Distribution



Red (84%)

Green (30%)

Blue (8%)



Red (84%)

Yellow (39%)

Blue (8%)

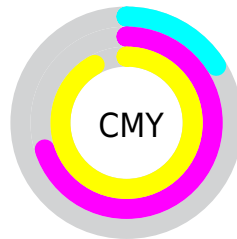


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (70%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5790, -44.6554, 89.8232 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 111.5790, -44.6554, 89.8232 by changing the saturation by 10% instead.

■ 111.5790,
-44.6554, 89.8232

■ 111.5790,
-44.6554, 89.8232

■ 255.0000, 0.0000,
0.0000

■ 83.1810, -41.0082,
86.6643

■ 161.4640,
-43.6128, 82.0311

■ 53.3670, -26.3099,
85.6241

■ 180.7500,
-40.7957, 65.1173

■ 35.8800, -17.6888,
73.7732

■ 200.1500,
-37.5419, 48.1035

■ 26.6110, -13.1192,
54.7152

■ 220.2510,
-34.1407, 30.4749

■ 18.7660, -8.2656,
37.9162

■ 240.3520,
-30.7395, 12.8463

■ 8.4860, -3.6906,
17.1138

■ 249.4140,

■ 0.0000, 0.0000,

-21.4031, 4.8989

0.0000

252.7200, -8.7360,
1.9996

111.5790,
-44.6554, 89.8232

111.5790,
-44.6554, 89.8232

100.3800,
-49.4873, 99.6447

122.7780,
-39.8236, 80.0017

134.0910,
-34.5549, 70.0802

145.8770,
-30.0124, 59.7439

157.1900,
-24.7437, 49.8224

168.3890,
-19.9118, 40.0008

■ 179.5880,
-15.0799, 30.1793

■ 190.9010, -9.8112,
20.2578

■ 202.6870, -5.2687,
9.9215

■ 214.0000, 0.0000,
0.0000

Harmonies

Analogous

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



101.9020, -7.3467, 116.7269



111.5790, -44.6554, 89.8232



115.6990, -57.0396, 48.4990

Triad

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



111.5790, -44.6554, 89.8232



97.9510, -2.9338, -85.9030



97.0650, 74.9040, -85.1260

Complementary

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



111.5790, -44.6554, 89.8232



123.4210, 44.6554, -89.8232

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.



110.3210, 69.8477, -96.7515



111.5790, -44.6554, 89.8232



106.9910, 26.6264, -93.8311

Square

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



111.5790, -44.6554, 89.8232



85.4230, -35.7045, -74.9160



111.8420, 52.8289, -98.0854



124.0180, 43.3751, 41.2032

Rectangle

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



111.5790, -44.6554, 89.8232



113.4410, -55.9264, 18.0302



111.8420, 52.8289, -98.0854



102.9180, 74.4834, -90.2591

Sweetspot

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



111.5790, -44.6554, 89.8232



218.3710, -15.9589, 32.1236



94.4390, 31.8286, 104.8550



106.3030, -9.5164, 19.0283



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.



111.5790, -44.6554, 89.8232



119.6830, -59.0037, 118.6730



167.3440, -72.1476, 40.9173



101.0500, -2.4896, 5.2182



80.4790, -39.6761, 79.3869



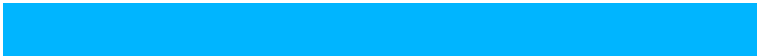
20.4880, -10.1006, 19.7430

Inverse Universe

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



123.4210, 44.6554, -89.8232



135.3170, 59.0037, -118.6730



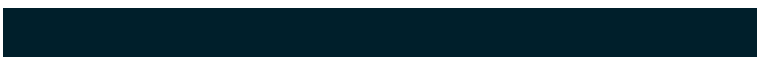
67.6560, 72.1476, -40.9173



101.9500, 2.4897, -5.2181



90.5210, 39.6761, -79.3869



23.0990, 9.8112, -20.2578

Previews

White Background



This preview shows how the YUV color 111.5790, -44.6554, 89.8232 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 111.5790, -44.6554, 89.8232 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 111.5790, -44.6554, 89.8232

Background



This preview shows how black text looks on a background with the YUV color 111.5790, -44.6554, 89.8232.



This preview shows how white text looks on a background with the YUV color 111.5790, -44.6554, 89.8232.

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

111.5790, -44.6554, 89.8232

Protanopia

117.2250, -41.5229, 18.2197

Deuteranopia

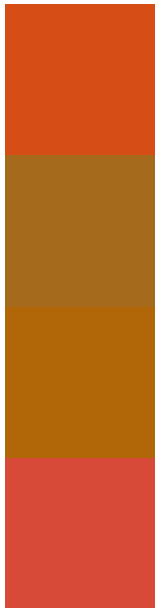
115.3230, -56.8542, 35.6737



Tritanopia

115.2130, -19.3320, 87.5132

Trichromacy



Original Color

111.5790, -44.6554, 89.8232

Protanomaly

115.1620, -42.4779, 44.5849

Deuteranomaly

113.7090, -52.1145, 55.5062

Tritanomaly

114.1070, -28.6468, 88.4832

Monochromacy



Original Color

111.5790, -44.6554, 89.8232

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6700, -16.1063, 32.7384

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5790, -44.6554, 89.8232 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(214, 77, 21)` looks like.

```
.text, #text, p{  
    color:rgb(214, 77, 21)  
}
```

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(214, 77, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 77, 21) }
```

Border

The CSS property to change the border of an element to YUV 111.5790, -44.6554, 89.8232 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(214, 77, 21) }
```


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

```
.border{ border-color:rgb(214, 77, 21) }
```

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

Here you see how a box with a 4 pixel rgb(214, 77, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 77, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 77, 21);  
box-shadow:4px 4px 4px 4px rgb(214, 77,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 111.5790, -44.6554, 89.8232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 77, 21) }
```

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

```
.background{ background-color: rgb(214, 77,  
21) }
```

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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