

Converting Colors

YUV(95.5620, -42.1821,
89.8381)

Have a look what the booklet for
YUV(95.5620, -42.1821, 89.8381)
contains.

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Color

**YUV(95.5620, -42.1821,
89.8381)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C63C0A |
| RGB | 198, 60, 10 |
| RGB Percent | 78%, 24%, 4% |
| CMY | 0.2235, 0.7647, 0.9608 |
| CMYK | 0.00, 0.70, 0.95, 0.22 |
| HSL | 16°, 90%, 41% |
| HSV | 16°, 95%, 78% |
| XYZ | 24.9593, 15.2594, 1.9170 |
| YIQ | 95.5620, 98.2980, 13.7060 |

Conversions

Conversions Part 2

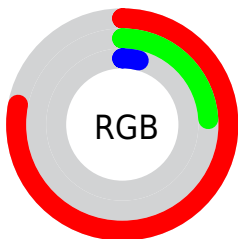
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 198, 78, 10 |
| Decimal | 12991498 |
| CIELab | 45.99, 53.00, 54.85 |
| CIElCh | 46, 76.268, 45.981 |
| Yxy | 15.2594, 0.5924, 0.3621 |
| Android (android.graphics.Color) | 4291181578 (0xFFC63C0A) |
| YUV | 95.5620, -42.1821, 89.8381 |
| Hunter-Lab | 39.0633, 45.6912, 24.4347 |

Details

The YUV color **95.5620, -42.1821, 89.8381** 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 **112.4380, 42.1821, -89.8381**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9320, -43.3505, 91.2676**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **90.3130, -44.5243, 94.4415**, and if you desaturate by 10%, it is **106.6470, -37.7870, 80.1166**.

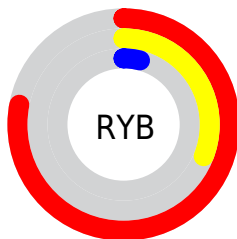
Distribution



Red (78%)

Green (24%)

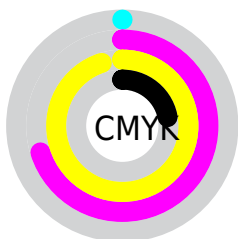
Blue (4%)



Red (78%)

Yellow (31%)

Blue (4%)

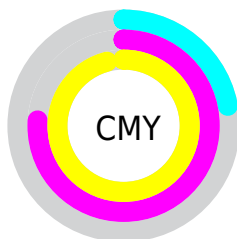


Cyan (0%)

Magenta (70%)

Yellow (95%)

Black (22%)



Cyan (22%)


Magenta (76%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.5620, -42.1821, 89.8381 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 95.5620, -42.1821, 89.8381 by changing the saturation by 10% instead.


 95.5620, -42.1821,
89.8381


 95.5620, -42.1821,
89.8381


254.6580, -1.3104,
0.2999

 66.6570, -32.8619,
87.1238


 150.9320,
-43.3505, 91.2676

 40.3650, -19.8999,
82.9949


 170.2180,
-40.5335, 74.3538


 31.0960, -15.3303,
63.9368

 189.0310,
-36.9903, 57.8548

 22.1260, -10.9081,
45.4935

 209.0180,
-34.0259, 40.3262


 14.2810, -6.0545,
28.6946


 229.1190,
-30.6247, 22.6976


 0.0000, 0.0000,
0.0000


 248.1600,

-26.2079, 5.9987


 251.3520,
-13.9775, 3.1993


 95.5620, -42.1821,
89.8381


 95.5620, -42.1821,
89.8381

 90.3130, -44.5243,
94.4415

 106.6470,
-37.7870, 80.1166

 117.1450,
-33.1025, 70.9098

 128.1160,
-29.1442, 61.2883

 138.6140,
-24.4597, 52.0815

 149.6990,
-20.0646, 42.3600

■ 160.1970,
-15.3801, 33.1532

■ 171.2820,
-10.9850, 23.4317

■ 181.6660, -6.7373,
14.3249

■ 192.7510, -2.3422,
4.6034

Harmonies

Analogous

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



73.7750, 2.0829, 125.6083



95.5620, -42.1821, 89.8381



102.7080, -50.6350, 47.6141

Triad

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



95.5620, -42.1821, 89.8381



87.2080, -6.0185, -76.4814



88.8980, 71.5353, -77.9635

Complementary

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



95.5620, -42.1821, 89.8381



112.4380, 42.1821, -89.8381

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.



100.0510, 66.0369, -87.7447



95.5620, -42.1821, 89.8381



96.1340, 23.1049, -84.3095

Square

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



95.5620, -42.1821, 89.8381



75.1360, -37.0420, -65.8943



101.5720, 49.0180, -89.0786



109.5120, 44.1176, 36.3850

Rectangle

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



95.5620, -42.1821, 89.8381



101.6350, -50.1061, 17.8601



101.5720, 49.0180, -89.0786



94.0500, 70.9673, -82.4818

Sweetspot

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



95.5620, -42.1821, 89.8381



216.3820, -15.9643, 33.8680



82.2860, 33.8760, 101.4812



104.2000, -9.9586, 20.8726



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.



95.5620, -42.1821, 89.8381



116.1610, -57.2674, 121.7618



148.9790, -68.5166, 42.9914



93.8650, -1.9054, 4.5034



73.9780, -36.4712, 78.0723



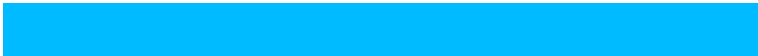
16.0470, -7.9112, 17.4988

Inverse Universe

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



112.4380, 42.1821, -89.8381



138.8390, 57.2674, -121.7618



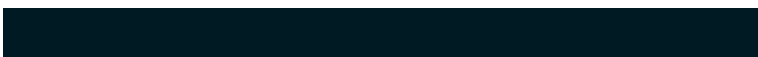
59.0210, 68.5166, -42.9914



95.1350, 1.9054, -4.5034



89.0220, 36.4712, -78.0723



19.3660, 8.2006, -16.9840

Previews

White Background



This preview shows how the YUV color 95.5620, -42.1821, 89.8381 looks on a white 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

Black Background



This preview shows how the YUV color 95.5620, -42.1821, 89.8381 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.5620, -42.1821, 89.8381

Background



This preview shows how black text looks on a background with the YUV color 95.5620, -42.1821, 89.8381.



This preview shows how white text looks on a background with the YUV color 95.5620, -42.1821, 89.8381.

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

95.5620, -42.1821, 89.8381

Protanopia

104.0830, -39.4809, 16.5902

Deuteranopia

102.3100, -50.4388, 31.3001



Tritanopia

98.9850, -20.2056, 87.7132

Trichromacy



Original Color

95.5620, -42.1821, 89.8381

Protanomaly

101.0200, -40.4359, 42.9555

Deuteranomaly

99.9520, -47.3043, 52.6621

Tritanomaly

97.6340, -27.9206, 88.8980

Monochromacy



Original Color

95.5620, -42.1821, 89.8381

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8980, -15.2327, 32.5385

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5620, -42.1821, 89.8381 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, 60, 10)` looks like.

```
.text, #text, p{  
    color:rgb(198, 60, 10)  
}
```

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, 60, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 60, 10) }
```

Border

The CSS property to change the border of an element to YUV 95.5620, -42.1821, 89.8381 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, 60, 10) }
```


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

```
.border{ border-color:rgb(198, 60, 10) }
```

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

Here you see how a box with a 4 pixel rgb(198, 60, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 60, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 60, 10);  
box-shadow:4px 4px 4px 4px rgb(198, 60,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 95.5620, -42.1821, 89.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 60, 10) }
```

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

```
.background{ background-color: rgb(198, 60,  
10) }
```

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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