

Converting Colors

YUV(135.2020, -46.4416,
55.9508)

Have a look what the booklet for
YUV(135.2020, -46.4416, 55.9508)
contains.

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Color

**YUV(135.2020, -46.4416,
55.9508)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C77929 |
| RGB | 199, 121, 41 |
| RGB Percent | 78%, 47%, 16% |
| CMY | 0.2196, 0.5255, 0.8392 |
| CMYK | 0.00, 0.39, 0.79, 0.22 |
| HSL | 30°, 66%, 47% |
| HSV | 30°, 79%, 78% |
| XYZ | 30.7908, 25.9770, 5.4890 |
| YIQ | 135.2020, 72.1680, -8.3440 |

Conversions

Conversions Part 2

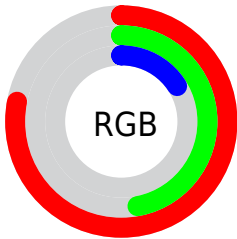
| Format | Color |
|-------------------------------------|---|
| RYB | 195, 199, 41 |
| Decimal | 13072681 |
| CIELab | 58.02, 24.37, 53.73 |
| CIELCh | 58, 58.997, 65.605 |
| Yxy | 25.9770, 0.4946, 0.4173 |
| Android (android.graphics.Color) | 4291262761 (0xFFC77929) |
| YUV | 135.2020, -46.4416, 55.9508 |
| Hunter-Lab | 50.9676, 18.6430, 29.2920 |

Details

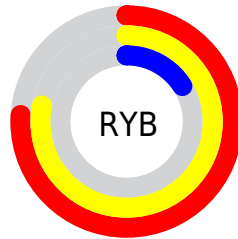
The YUV color **135.2020, -46.4416, 55.9508** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **104.7980, 46.4416, -55.9508**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8710, -47.7574, 57.9951**, and **83.8250, -41.3257, 48.3885** is the 20% darker color. If you saturate the color by 10%, you get **127.0520, -52.2836, 63.0984**, and if you desaturate by 10%, it is **143.3520, -40.5995, 48.8033**.

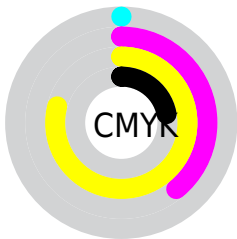
Distribution



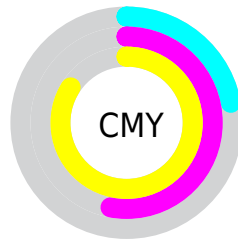
- Red (78%)
- Green (47%)
- Blue (16%)



- Red (76%)
- Yellow (78%)
- Blue (16%)



- Cyan (0%)
- Magenta (39%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2020, -46.4416, 55.9508 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 135.2020, -46.4416, 55.9508 by changing the saturation by 10% instead.

135.2020,
-46.4416, 55.9508

135.2020,
-46.4416, 55.9508

255.0000, 0.0000,
0.0000

108.1370,
-47.8885, 53.3769

188.8710,
-47.7574, 57.9951

83.8250, -41.3257,
48.3885

207.6840,
-44.2142, 41.4961

61.9520, -30.5423,
43.0151

227.1980,
-40.5236, 24.3824

39.7800, -19.6115,
37.0269

245.5380,
-36.2542, 8.2982

18.7930, -9.2649,
31.7535

248.7300,
-24.0239, 5.4988

8.7850, -3.8380,
17.7286

252.0360,

0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 135.2020,
-46.4416, 55.9508

■ 135.2020,
-46.4416, 55.9508

■ 127.0520,
-52.2836, 63.0984

■ 143.3520,
-40.5995, 48.8033

■ 118.9020,
-58.1257, 70.2459

■ 151.5020,
-34.7575, 41.6557

■ 118.7880,
-58.5625, 70.3459

■ 159.0650,
-28.6260, 35.0230

■ 167.2150,
-22.7840, 27.8754

■ 175.3650,
-16.9419, 20.7279

■ 183.4010,
-11.5367, 13.6803

■ 191.5510, -5.6946,
6.5328

■ 199.7010, 0.1474,
-0.6148

■ 207.2640, 6.2788,
-7.2475

Harmonies

Analogous

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



135.6220, -26.4356, 79.2615



135.2020, -46.4416, 55.9508



131.4030, -54.9217, 22.4486

Triad

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



135.2020, -46.4416, 55.9508



113.1400, 17.1860, -99.2238



142.3100, 40.2732, 9.3751

Complementary

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



135.2020, -46.4416, 55.9508



104.7980, 46.4416, -55.9508

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.



116.4380, 62.3951, -86.3301



135.2020, -46.4416, 55.9508



118.2530, 39.3153, -103.7079

Square

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



135.2020, -46.4416, 55.9508



105.3370, -5.0961, -92.3805



118.1340, 56.6289, -103.6035



141.4660, 20.4763, 59.2273

Rectangle

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



135.2020, -46.4416, 55.9508



128.5180, -46.1044, -5.7163



118.1340, 56.6289, -103.6035



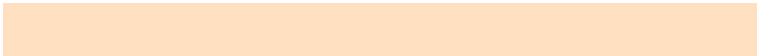
139.9590, 45.8692, -12.2420

Sweetspot

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



135.2020, -46.4416, 55.9508



230.4360, -17.9629, 21.5426



97.2480, 11.2167, 89.2365



112.6290, -10.6631, 13.4804



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.



135.2020, -46.4416, 55.9508



156.9720, -70.9782, 85.9706



180.9880, -69.0141, 15.7965



95.6260, -2.7736, 2.9590



97.4580, -48.0468, 57.4803



21.3300, -10.5157, 12.8656

Inverse Universe

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



104.7980, 46.4416, -55.9508



110.4410, 71.2676, -85.4558



59.0120, 69.0141, -15.7965



93.3740, 2.7736, -2.9590



66.1290, 47.7574, -57.9951



14.6700, 10.5157, -12.8656

Previews

White Background



This preview shows how the YUV color 135.2020, -46.4416, 55.9508 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 135.2020, -46.4416, 55.9508 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 135.2020, -46.4416, 55.9508 Background



This preview shows how black text looks on a background with the YUV color 135.2020, -46.4416, 55.9508.



This preview shows how white text looks on a background with the YUV color 135.2020, -46.4416, 55.9508.

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

135.2020, -46.4416, 55.9508

Protanopia

134.3670, -43.5649, 19.8491

Deuteranopia

134.7990, -48.7079, 36.1333



Tritanopia

140.8220, -9.7722, 54.5301

Trichromacy



Original Color

135.2020, -46.4416, 55.9508

Protanomaly

134.5150, -44.6239, 32.8743

Deuteranomaly

135.0710, -47.8560, 42.9107

Tritanomaly

138.9780, -23.1602, 55.2703

Monochromacy



Original Color

135.2020, -46.4416, 55.9508

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0660, -16.7945, 20.1131

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2020, -46.4416, 55.9508 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(199, 121, 41)` looks like.

```
.text, #text, p{  
    color:rgb(199, 121, 41)  
}
```

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(199, 121, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 121, 41) }
```

Border

The CSS property to change the border of an element to YUV 135.2020, -46.4416, 55.9508 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(199, 121, 41) }
```


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

```
.border{ border-color:rgb(199, 121, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 121, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 121, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 121, 41);  
box-shadow:4px 4px 4px 4px rgb(199, 121,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 135.2020, -46.4416, 55.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 121, 41) }
```

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

```
.background{ background-color: rgb(199,  
121, 41) }
```

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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