

Converting Colors

YUV(127.6920, -46.1902,
68.6761)

Have a look what the booklet for
YUV(127.6920, -46.1902, 68.6761)
contains.

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Color

**YUV(127.6920, -46.1902,
68.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6A22
RGB	206, 106, 34
RGB Percent	81%, 42%, 13%
CMY	0.1922, 0.5843, 0.8667
CMYK	0.00, 0.49, 0.83, 0.19
HSL	25°, 72%, 47%
HSV	25°, 83%, 81%
XYZ	30.8964, 23.5454, 4.4297
YIQ	127.6920, 82.7120, -1.1920

Conversions

Conversions Part 2

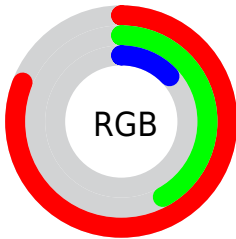
Format	Color
RYB	206, 158, 34
Decimal	13527586
CIELab	55.63, 35.04, 54.71
CIELCh	56, 64.973, 57.363
Yxy	23.5454, 0.5248, 0.3999
Android (android.graphics.Color)	4291717666 (0xFFCE6A22)
YUV	127.6920, -46.1902, 68.6761
Hunter-Lab	48.5236, 28.7399, 28.5540

Details

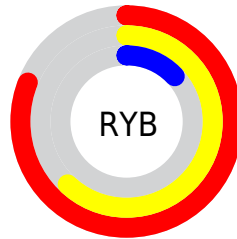
The YUV color **127.6920, -46.1902, 68.6761** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **112.3080, 46.1902, -68.6761**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2680, -46.4741, 66.4170**, and **76.2270, -37.5799, 60.3139** is the 20% darker color. If you saturate the color by 10%, you get **118.2540, -51.8902, 76.9532**, and if you desaturate by 10%, it is **137.1300, -40.4901, 60.3990**.

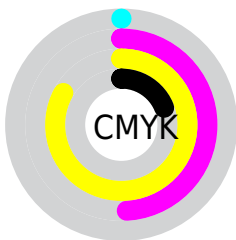
Distribution



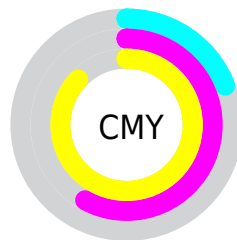
- Red (81%)
- Green (42%)
- Blue (13%)



- Red (81%)
- Yellow (62%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (83%)
- Black (19%)



- Cyan (19%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6920, -46.1902, 68.6761 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 127.6920, -46.1902, 68.6761 by changing the saturation by 10% instead.

■ 127.6920,
-46.1902, 68.6761

■ 127.6920,
-46.1902, 68.6761

■ 255.0000, 0.0000,
0.0000

■ 100.1000,
-48.3633, 65.6873

■ 179.2680,
-46.4741, 66.4170

■ 76.2270, -37.5799,
60.3139

■ 198.0810,
-42.9309, 49.9180

■ 52.5820, -25.9229,
54.7406

■ 217.5950,
-39.2403, 32.8042

■ 27.4750, -13.5452,
51.3264

■ 237.6960,
-35.8391, 15.1756

■ 17.3420, -8.5496,
35.6571

■ 247.8180,
-27.5183, 6.2986

■ 9.0840, -3.9854,
18.3433

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 127.6920,
-46.1902, 68.6761

■ 127.6920,
-46.1902, 68.6761

■ 118.2540,
-51.8902, 76.9532

■ 137.1300,
-40.4901, 60.3990

■ 112.0760,
-55.2535, 82.3713

■ 146.4540,
-35.2268, 52.2218

■ 155.8920,
-29.5268, 43.9447

■ 165.2160,
-24.2635, 35.7676

■ 174.6540,
-18.5634, 27.4904

■ 184.0920,
-12.8634, 19.2133

■ 193.4160, -7.6001,
11.0362

■ 202.8540, -1.9000,
2.7590

■ 212.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



126.5940, -20.5058, 90.6871



127.6920, -46.1902, 68.6761



124.7590, -61.5062, 34.4144

Triad

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



127.6920, -46.1902, 68.6761



107.6970, 9.0234, -94.4503



133.2950, 49.6476, -10.7827

Complementary

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



127.6920, -46.1902, 68.6761



112.3080, 46.1902, -68.6761

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.



111.5120, 66.7956, -97.7960



127.6920, -46.1902, 68.6761



114.3090, 34.3577, -100.2490

Square

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



127.6920, -46.1902, 68.6761



98.1500, -14.8639, -86.0775



116.3900, 55.0237, -102.0740



135.4250, 29.3705, 53.1243

Rectangle

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



127.6920, -46.1902, 68.6761



121.3380, -59.8196, 6.7196



116.3900, 55.0237, -102.0740



126.0460, 57.1653, -42.1363

Sweetspot

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



127.6920, -46.1902, 68.6761



225.9850, -17.2476, 25.4462



96.8280, 18.3258, 95.7438



110.0530, -10.3791, 15.7395



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.



127.6920, -46.1902, 68.6761



139.0540, -68.5536, 101.6846



178.1740, -71.0778, 24.4034



97.3380, -2.6316, 4.0886



90.1370, -44.4375, 66.5319



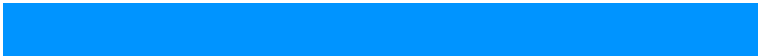
20.7540, -10.2317, 15.1247

Inverse Universe

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



112.3080, 46.1902, -68.6761



115.9460, 68.5536, -101.6846



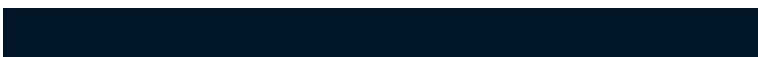
61.8260, 71.0778, -24.4034



96.6620, 2.6316, -4.0886



75.2760, 44.7269, -66.0171



17.2460, 10.2317, -15.1247

Previews

White Background



This preview shows how the YUV color 127.6920, -46.1902, 68.6761 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 127.6920, -46.1902, 68.6761 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 127.6920, -46.1902, 68.6761

Background



This preview shows how black text looks on a background with the YUV color 127.6920, -46.1902, 68.6761.



This preview shows how white text looks on a background with the YUV color 127.6920, -46.1902, 68.6761.

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

127.6920, -46.1902, 68.6761

Protanopia

128.1820, -42.9807, 19.1344

Deuteranopia

127.8160, -51.1813, 36.1184



Tritanopia

132.6880, -13.1572, 66.9256

Trichromacy



Original Color

127.6920, -46.1902, 68.6761

Protanomaly

127.9500, -44.3453, 36.8779

Deuteranomaly

127.4630, -49.0353, 47.8289

Tritanomaly

131.1860, -25.2347, 67.3659

Monochromacy



Original Color

127.6920, -46.1902, 68.6761

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8000, -16.6634, 24.7314

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6920, -46.1902, 68.6761 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(206, 106, 34)` looks like.

```
.text, #text, p{  
    color:rgb(206, 106, 34)  
}
```

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(206, 106, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 106, 34) }
```

Border

The CSS property to change the border of an element to YUV 127.6920, -46.1902, 68.6761 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(206, 106, 34) }
```


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

```
.border{ border-color:rgb(206, 106, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 106, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 106, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 106, 34);  
box-shadow:4px 4px 4px 4px rgb(206, 106,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 127.6920, -46.1902, 68.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 106, 34) }
```

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

```
.background{ background-color: rgb(206,  
106, 34) }
```

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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