

Converting Colors

YUV(116.5650, -56.9735,
74.0495)

Have a look what the booklet for
YUV(116.5650, -56.9735, 74.0495)
contains.

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Color

**YUV(116.5650, -56.9735,
74.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	C96001
RGB	201, 96, 1
RGB Percent	79%, 38%, 0%
CMY	0.2118, 0.6235, 0.9961
CMYK	0.00, 0.52, 1.00, 0.21
HSL	29°, 99%, 40%
HSV	29°, 100%, 79%
XYZ	28.2757, 20.7854, 2.5504
YIQ	116.5650, 93.0750, -7.2850

Conversions

Conversions Part 2

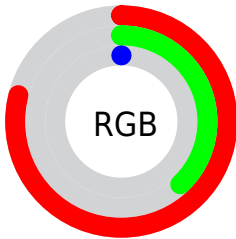
Format	Color
RYB	201, 182, 1
Decimal	13197313
CIELab	52.71, 37.60, 61.25
CIElCh	53, 71.869, 58.454
Yxy	20.7854, 0.5479, 0.4027
Android (android.graphics.Color)	4291387393 (0xFFC96001)
YUV	116.5650, -56.9735, 74.0495
Hunter-Lab	45.5911, 30.9220, 28.5970

Details

The YUV color **116.5650, -56.9735, 74.0495** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **85.4350, 56.9735, -74.0495**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4170, -52.4636, 74.1793**, and **68.5630, -33.8016, 61.7732** is the 20% darker color. If you saturate the color by 10%, you get **115.8640, -57.1210, 74.6643**, and if you desaturate by 10%, it is **125.3020, -51.4209, 66.3871**.

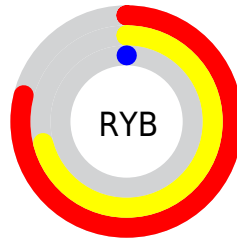
Distribution



Red (79%)

Green (38%)

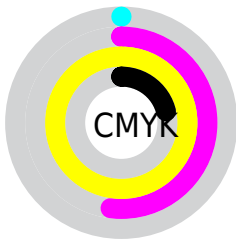
Blue (0%)



Red (79%)

Yellow (71%)

Blue (0%)

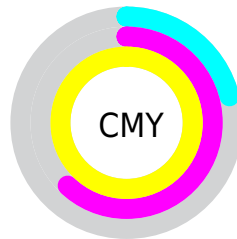


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.5650, -56.9735, 74.0495 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 116.5650, -56.9735, 74.0495 by changing the saturation by 10% instead.


 116.5650,
-56.9735, 74.0495

 116.5650,
-56.9735, 74.0495


255.0000, 0.0000,
0.0000

 92.5070, -45.6060,
67.9614


 170.4170,
-52.4636, 74.1793


 68.5630, -33.8016,
61.7732


 189.8170,
-49.2098, 57.1655

 43.7440, -21.5658,
57.2295


 208.6300,
-45.6666, 40.6665

 23.9200, -11.7926,
49.1822

 228.7310,
-42.2654, 23.0379

 15.8470, -7.8126,
32.5832

 245.4240,
-36.6910, 8.3982


 4.4850, -2.2111,
9.2217


 248.6160,


 0.0000, 0.0000,


-24.4607, 5.5988


0.0000


 251.8080,
-12.2303, 2.7994


 116.5650,
-56.9735, 74.0495


 116.5650,
-56.9735, 74.0495


 115.8640,
-57.1210, 74.6643

 125.3020,
-51.4209, 66.3871

 133.4520,
-45.5788, 59.2396

 142.1890,
-40.0262, 51.5772

 150.3390,
-34.1841, 44.4297

 159.0760,
-28.6315, 36.7673

■ 167.3400,
-22.3526, 29.5198

■ 176.0770,
-16.8000, 21.8575

■ 184.2270,
-10.9579, 14.7099

■ 192.9640, -5.4053,
7.0476

Harmonies

Analogous

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



114.1330, -21.2646, 100.7384



116.5650, -56.9735, 74.0495



117.9590, -58.1538, 32.4850

Triad

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



116.5650, -56.9735, 74.0495



103.0180, 8.8651, -90.3468



125.5490, 54.4523, -11.8825

Complementary

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



116.5650, -56.9735, 74.0495



85.4350, 56.9735, -74.0495

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.



107.7450, 70.1317, -94.4924



116.5650, -56.9735, 74.0495



110.6730, 35.6572, -97.0602

Square

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



116.5650, -56.9735, 74.0495



93.2600, -18.3692, -81.7890



113.2100, 58.0705, -99.2852



125.2780, 32.4009, 61.1462

Rectangle

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



116.5650, -56.9735, 74.0495



113.3420, -55.8776, 2.3311



113.2100, 58.0705, -99.2852



114.7010, 63.7444, -52.3578

Sweetspot

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



116.5650, -56.9735, 74.0495



222.8560, -21.6210, 28.1903



72.9980, 17.2560, 112.2578



108.0810, -12.8579, 17.4690



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.



116.5650, -56.9735, 74.0495



147.2720, -72.6051, 94.4775



174.0910, -85.3339, 23.5992



95.0390, -2.4842, 3.4738



94.5230, -46.5998, 60.0543



20.7430, -10.2263, 13.3804

Inverse Universe

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



85.4350, 56.9735, -74.0495



107.7280, 72.6051, -94.4775



27.9090, 85.3339, -23.5992



93.9610, 2.4842, -3.4738



69.0640, 46.3104, -60.5691



15.2570, 10.2263, -13.3804

Previews

White Background



This preview shows how the YUV color 116.5650, -56.9735, 74.0495 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 116.5650, -56.9735, 74.0495 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 116.5650, -56.9735, 74.0495

Background



This preview shows how black text looks on a background with the YUV color 116.5650, -56.9735, 74.0495.



This preview shows how white text looks on a background with the YUV color 116.5650, -56.9735,

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

116.5650, -56.9735, 74.0495

Protanopia

119.3580, -49.9695, 20.7340

Deuteranopia

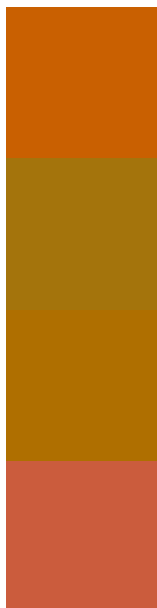
118.2800, -58.3120, 36.5884



Tritanopia

124.0690, -14.3310, 70.0995

Trichromacy



Original Color

116.5650, -56.9735, 74.0495

Protanomaly

118.4960, -52.5025, 39.9070

Deuteranomaly

117.4820, -57.9186, 50.4433

Tritanomaly

121.6550, -29.9029, 71.3396

Monochromacy



Original Color

116.5650, -56.9735, 74.0495

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7850, -20.6000, 27.3756

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5650, -56.9735, 74.0495 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(201, 96, 1)` looks like.

```
.text, #text, p{  
    color:rgb(201, 96, 1)  
}
```

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(201, 96, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 96, 1) }
```

Border

The CSS property to change the border of an element to YUV 116.5650, -56.9735, 74.0495 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(201, 96, 1) }
```


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

```
.border{ border-color:rgb(201, 96, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 96, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 96, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 96, 1);  
box-shadow:4px 4px 4px 4px rgb(201, 96, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 116.5650, -56.9735, 74.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 96, 1) }
```

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

```
.background{ background-color: rgb(201, 96,  
1) }
```

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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