

Converting Colors

YUV(121.3260, -57.8417,
72.5051)

Have a look what the booklet for
YUV(121.3260, -57.8417, 72.5051)
contains.

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Color

**YUV(121.3260, -57.8417,
72.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6604
RGB	204, 102, 4
RGB Percent	80%, 40%, 2%
CMY	0.2000, 0.6000, 0.9843
CMYK	0.00, 0.50, 0.98, 0.20
HSL	29°, 96%, 41%
HSV	29°, 98%, 80%
XYZ	29.6751, 22.3489, 2.8646
YIQ	121.3260, 92.2500, -8.8540

Conversions

Conversions Part 2

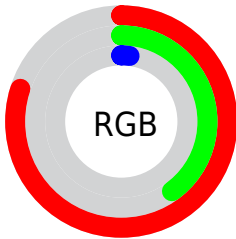
Format	Color
RYB	204, 196, 4
Decimal	13395460
CIELab	54.40, 35.77, 61.89
CIElCh	54, 71.482, 59.972
Yxy	22.3489, 0.5406, 0.4072
Android (android.graphics.Color)	4291585540 (0xFFCC6604)
YUV	121.3260, -57.8417, 72.5051
Hunter-Lab	47.2746, 29.3171, 29.4996

Details

The YUV color **121.3260, -57.8417, 72.5051** 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 **86.6740, 57.8417, -72.5051**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2810, -52.8895, 70.7906**, and **73.2810, -36.1275, 61.1436** is the 20% darker color. If you saturate the color by 10%, you get **119.6960, -59.0101, 73.9346**, and if you desaturate by 10%, it is **129.4760, -51.9997, 65.3575**.

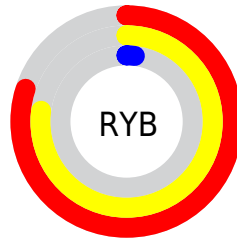
Distribution



Red (80%)

Green (40%)

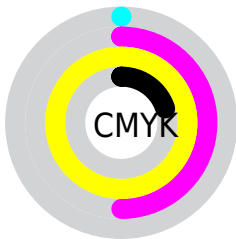
Blue (2%)



Red (80%)

Yellow (77%)

Blue (2%)

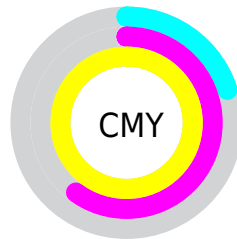


Cyan (0%)

Magenta (50%)

Yellow (98%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3260, -57.8417, 72.5051 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 121.3260, -57.8417, 72.5051 by changing the saturation by 10% instead.

121.3260,
-57.8417, 72.5051

121.3260,
-57.8417, 72.5051

255.0000, 0.0000,
0.0000

96.9260, -47.7845,
66.7169

174.2810,
-52.8895, 70.7906

73.2810, -36.1275,
61.1436

193.6810,
-49.6357, 53.7768

49.3370, -24.3231,
54.9555

213.0810,
-46.3819, 36.7630

24.8170, -12.2348,
51.0265

232.5950,
-42.6913, 19.6492

16.7440, -8.2548,
34.4275

245.7660,
-35.3806, 8.0982

7.2900, -3.1010,
14.6547

248.9580,

0.0000, 0.0000,

-23.1503, 5.2988

0.0000

■ 252.2640,
-10.4832, 2.3995

■ 121.3260,
-57.8417, 72.5051

■ 121.3260,
-57.8417, 72.5051

■ 119.6960,
-59.0101, 73.9346

■ 129.4760,
-51.9997, 65.3575

■ 138.3270,
-46.0102, 57.5952

■ 146.4770,
-40.1682, 50.4477

■ 155.3280,
-34.1787, 42.6853

■ 163.4780,
-28.3367, 35.5378

■ 171.6280,
-22.4946, 28.3902

■ 180.4790,
-16.5051, 20.6279

■ 188.6290,
-10.6631, 13.4804

■ 197.4800, -4.6736,
5.7180

Harmonies

Analogous

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



119.5520, -23.4431, 99.4939



121.3260, -57.8417, 72.5051



121.4920, -59.8956, 31.1405

Triad

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



121.3260, -57.8417, 72.5051



106.7510, 10.4758, -93.6206



130.2400, 53.1257, -6.3495

Complementary

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



121.3260, -57.8417, 72.5051



86.6740, 57.8417, -72.5051

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.



110.0760, 71.4475, -96.5367



121.3260, -57.8417, 72.5051



113.9330, 37.9940, -99.9192

Square

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



121.3260, -57.8417, 72.5051



97.1070, -16.3218, -85.1628



116.2420, 59.5337, -101.9442



130.2460, 30.9377, 63.8053

Rectangle

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



121.3260, -57.8417, 72.5051



116.8750, -57.6194, 0.9866



116.2420, 59.5337, -101.9442



122.7840, 61.2385, -41.9066

Sweetspot

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



121.3260, -57.8417, 72.5051



224.2580, -21.3262, 26.9607



75.5420, 15.5088, 112.6577



109.3690, -12.9999, 16.3394



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.



121.3260, -57.8417, 72.5051



149.6200, -73.7627, 92.4183



179.4390, -86.4914, 21.5400



97.9250, -2.9210, 3.5738



97.1810, -47.9102, 60.3543



22.5150, -11.0999, 13.5803

Inverse Universe

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



86.6740, 57.8417, -72.5051



105.3800, 73.7627, -92.4183



28.5610, 86.4914, -21.5400



96.0750, 2.9210, -3.5738



68.8190, 47.9102, -60.3543



16.0720, 10.8105, -14.0951

Previews

White Background



This preview shows how the YUV color 121.3260, -57.8417, 72.5051 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 121.3260, -57.8417, 72.5051 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 121.3260, -57.8417, 72.5051 Background



This preview shows how black text looks on a background with the YUV color 121.3260, -57.8417, 72.5051.



This preview shows how white text looks on a background with the YUV color 121.3260, -57.8417, 72.5051.

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

121.3260, -57.8417, 72.5051

Protanopia

122.9020, -51.7167, 21.1339

Deuteranopia

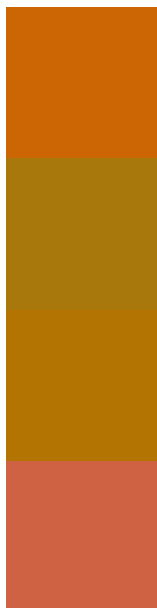
122.1230, -60.2066, 37.6031



Tritanopia

129.1720, -13.8888, 68.2552

Trichromacy



Original Color

121.3260, -57.8417, 72.5051

Protanomaly

122.1540, -53.8129, 40.2069

Deuteranomaly

121.7270, -59.5184, 50.2284

Tritanomaly

126.6440, -29.8975, 69.5952

Monochromacy



Original Color

121.3260, -57.8417, 72.5051

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9590, -21.1788, 26.3460

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3260, -57.8417, 72.5051 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(204, 102, 4)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 4)  
}
```

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(204, 102, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 4) }
```

Border

The CSS property to change the border of an element to YUV 121.3260, -57.8417, 72.5051 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(204, 102, 4) }
```


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

```
.border{ border-color:rgb(204, 102, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 4);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 121.3260, -57.8417, 72.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 4) }
```

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

```
.background{ background-color: rgb(204,  
102, 4) }
```

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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