

Converting Colors

YUV(128.2070, -57.2901,
82.2565)

Have a look what the booklet for
YUV(128.2070, -57.2901, 82.2565)
contains.

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Color

**YUV(128.2070, -57.2901,
82.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	DE670C
RGB	222, 103, 12
RGB Percent	87%, 40%, 5%
CMY	0.1294, 0.5961, 0.9529
CMYK	0.00, 0.54, 0.95, 0.13
HSL	26°, 90%, 46%
HSV	26°, 95%, 87%
XYZ	35.0408, 25.2566, 3.3760
YIQ	128.2070, 100.1350, -3.0730

Conversions

Conversions Part 2

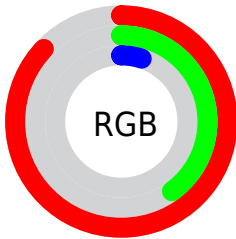
Format	Color
RYB	222, 173, 12
Decimal	14575372
CIELab	57.32, 42.47, 63.59
CIElCh	57, 76.467, 56.264
Yxy	25.2566, 0.5503, 0.3967
Android (android.graphics.Color)	4292765452 (0xFFDE670C)
YUV	128.2070, -57.2901, 82.2565
Hunter-Lab	50.2560, 36.5105, 31.1963

Details

The YUV color **128.2070, -57.2901, 82.2565** 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 **105.7930, 57.2901, -82.2565**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9110, -51.7211, 69.3611**, and **77.4780, -38.1967, 71.4948** is the 20% darker color. If you saturate the color by 10%, you get **122.7300, -60.5059, 87.0598**, and if you desaturate by 10%, it is **138.3460, -51.4426, 73.3646**.

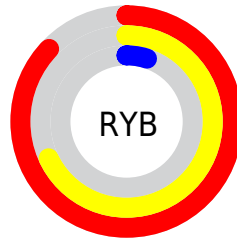
Distribution



Red (87%)

Green (40%)

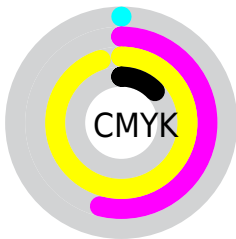
Blue (5%)



Red (87%)

Yellow (68%)

Blue (5%)

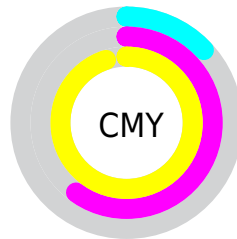


Cyan (0%)

Magenta (54%)

Yellow (95%)

Black (13%)



Cyan (13%)


Magenta (60%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2070, -57.2901, 82.2565 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 128.2070, -57.2901, 82.2565 by changing the saturation by 10% instead.


 128.2070,
-57.2901, 82.2565


 128.2070,
-57.2901, 82.2565


255.0000, 0.0000,
0.0000


 102.0090,
-50.2904, 77.1681


 175.9110,
-51.7211, 69.3611


 77.4780, -38.1967,
71.4948


 195.4250,
-48.0305, 52.2473

 52.3600, -25.8135,
66.3363


 214.8250,
-44.7767, 35.2335

 29.3020, -14.4459,
60.2481

 234.9260,
-41.3755, 17.6049

 20.6310, -10.1711,
42.4196

 246.3360,
-33.1966, 7.5983

 12.9710, -5.9017,
26.3354

 249.5280,

 0.0000, 0.0000,

-20.9663, 4.7989

0.0000

252.8340, -8.2992,
1.8996

128.2070,
-57.2901, 82.2565

128.2070,
-57.2901, 82.2565

122.7300,
-60.5059, 87.0598

138.3460,
-51.4426, 73.3646

147.8980,
-45.3057, 64.9875

158.1510,
-39.0214, 55.9956

167.7030,
-32.8846, 47.6185

177.8420,
-27.0371, 38.7266

■ 187.3940,
-20.9002, 30.3495

■ 197.5330,
-15.0528, 21.4576

■ 207.7860, -8.7685,
12.4657

■ 217.3380, -2.6316,
4.0886

Harmonies

Analogous

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



124.7150, -20.5655, 109.8749



128.2070, -57.2901, 82.2565



129.2110, -63.7010, 38.4030

Triad

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



128.2070, -57.2901, 82.2565



111.9200, 7.4344, -98.1538



135.6450, 58.8420, -19.8597

Complementary

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



128.2070, -57.2901, 82.2565



105.7930, 57.2901, -82.2565

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.



116.5330, 68.2642, -102.1994



128.2070, -57.2901, 82.2565



120.2590, 36.8473, -105.4671

Square

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



128.2070, -57.2901, 82.2565



101.0050, -21.6945, -88.5814



123.4800, 61.8814, -108.2920



138.1300, 36.9109, 61.2760

Rectangle

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



128.2070, -57.2901, 82.2565



125.1700, -61.7088, 5.9899



123.4800, 61.8814, -108.2920



117.9050, 67.5878, -71.8307

Sweetspot

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



128.2070, -57.2901, 82.2565



223.4260, -19.4370, 27.6904



88.3560, 21.0235, 117.2058



108.3090, -11.9843, 17.2690



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.



128.2070, -57.2901, 82.2565



141.4020, -69.7112, 99.6254



189.8420, -87.6761, 28.2026



107.2240, -3.0684, 4.1886



97.2360, -47.9373, 69.0760



26.6790, -13.1527, 18.6985

Inverse Universe

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



105.7930, 57.2901, -82.2565



114.1850, 69.4218, -100.1402



44.1580, 87.6761, -28.2026



105.7760, 3.0684, -4.1886



78.7640, 47.9373, -69.0760



21.3210, 13.1527, -18.6985

Previews

White Background



This preview shows how the YUV color 128.2070, -57.2901, 82.2565 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 128.2070, -57.2901, 82.2565 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 128.2070, -57.2901, 82.2565

Background



This preview shows how black text looks on a background with the YUV color 128.2070, -57.2901, 82.2565.



This preview shows how white text looks on a background with the YUV color 128.2070, -57.2901, 82.2565.

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

128.2070, -57.2901, 82.2565

Protanopia

130.9730, -52.7377, 21.9487

Deuteranopia

129.2220, -63.7064, 40.1473



Tritanopia

135.2550, -16.3947, 78.7064

Trichromacy



Original Color

128.2070, -57.2901, 82.2565

Protanomaly

130.0620, -54.2606, 43.7956

Deuteranomaly

128.8910, -61.5713, 55.3466

Tritanomaly

132.9550, -31.5298, 79.8465

Monochromacy



Original Color

128.2070, -57.2901, 82.2565

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0950, -20.7528, 29.7347

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2070, -57.2901, 82.2565 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(222, 103, 12)` looks like.

```
.text, #text, p{  
    color:rgb(222, 103, 12)  
}
```

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(222, 103, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 103, 12) }
```

Border

The CSS property to change the border of an element to YUV 128.2070, -57.2901, 82.2565 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(222, 103, 12) }
```


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

```
.border{ border-color:rgb(222, 103, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 103, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 103, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 103, 12);  
box-shadow:4px 4px 4px 4px rgb(222, 103,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 128.2070, -57.2901, 82.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 103, 12) }
```

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

```
.background{ background-color: rgb(222,  
103, 12) }
```

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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