

Converting Colors

YUV(70.2100, -34.6135,
135.7508)

Have a look what the booklet for
YUV(70.2100, -34.6135, 135.7508)
contains.

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Color

**YUV(70.2100, -34.6135,
135.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	E10500
RGB	225, 5, 0
RGB Percent	88%, 2%, 0%
CMY	0.1176, 0.9804, 1.0000
CMYK	0.00, 0.98, 1.00, 0.12
HSL	1°, 100%, 44%
HSV	1°, 100%, 88%
XYZ	31.1056, 16.1161, 1.4713
YIQ	70.2100, 132.7250, 45.0850

Conversions

Conversions Part 2

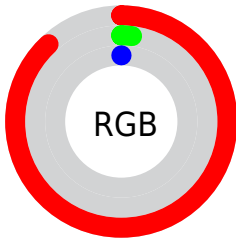
Format	Color
RYB	225, 5, 0
Decimal	14746880
CIELab	47.13, 72.47, 61.20
CIELCh	47, 94.854, 40.183
Yxy	16.1161, 0.6388, 0.3310
Android (android.graphics.Color)	4292936960 (0xFFE10500)
YUV	70.2100, -34.6135, 135.7508
Hunter-Lab	40.1449, 68.0544, 25.9285

Details

The YUV color **70.2100, -34.6135, 135.7508** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.7900, 34.6135, -135.7508**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9320, -39.8995, 104.4226**, and **47.5410, -23.4377, 97.7495** is the 20% darker color. If you saturate the color by 10%, you get **70.2100, -34.6135, 135.7508**, and if you desaturate by 10%, it is **85.6320, -31.3706, 122.2257**.

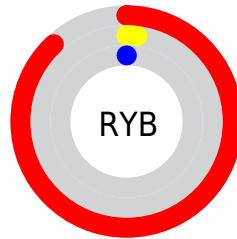
Distribution



Red (88%)

Green (2%)

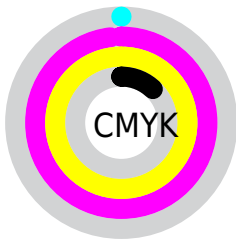
Blue (0%)



Red (88%)

Yellow (2%)

Blue (0%)

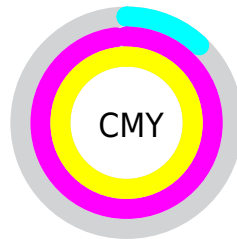


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 70.2100, -34.6135, 135.7508 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 70.2100, -34.6135, 135.7508 by changing the saturation by 10% instead.


 70.2100, -34.6135,
135.7508


 70.2100, -34.6135,
135.7508


 253.6320, -5.2416,
1.1997


 57.4080, -28.3021,
118.0372


 135.9320,
-39.8995, 104.4226


 47.5410, -23.4377,
97.7495


 156.3920,
-37.6613, 86.4792


 37.6740, -18.5733,
77.4619


 176.9660,
-34.9862, 68.4358

 28.6330, -13.1301,
58.2039

 196.9530,
-32.0218, 50.9072

 19.7770, -8.2711,
39.6606

 217.6410,
-28.9100, 32.7638

 9.3830, -4.1328,
18.9581


 238.3290,


 0.0000, 0.0000,


-25.7982, 14.6205


0.0000


 250.3260,
-17.9087, 4.0991

 70.2100, -34.6135,
135.7508

 85.6320, -31.3706,
122.2257

 101.1680,
-27.6908, 108.6007

 116.7040,
-24.0111, 94.9756

 132.1260,
-20.7681, 81.4505

 147.6620,
-17.0884, 67.8254

■ 163.0840,
-13.8454, 54.3003

■ 178.5060,
-10.6025, 40.7752

■ 194.0420, -6.9227,
27.1502

■ 209.5780, -3.2430,
13.5251

Harmonies

Analogous

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



83.1020, 2.9077, 141.1075



70.2100, -34.6135, 135.7508



104.2910, -51.4155, 64.6428

Triad

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



70.2100, -34.6135, 135.7508



87.5210, -17.5119, -76.7559



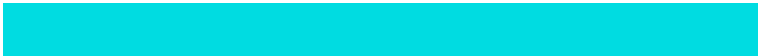
96.5750, 78.1035, -84.6963

Complementary

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



70.2100, -34.6135, 135.7508



154.7900, 34.6135, -135.7508

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.



108.9020, 72.0263, -95.5071



70.2100, -34.6135, 135.7508



99.0860, 19.1846, -86.8984

Square

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



70.2100, -34.6135, 135.7508



78.0710, -38.4890, -68.4683



107.8640, 52.8180, -94.5967



110.1420, 62.0480, 25.3085

Rectangle

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



70.2100, -34.6135, 135.7508



104.6470, -51.5910, 27.4966



107.8640, 52.8180, -94.5967



101.8580, 75.4990, -89.3295

Sweetspot

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



70.2100, -34.6135, 135.7508



202.3110, -11.4923, 46.2083



92.4690, 63.3658, 116.2297



96.3410, -7.0701, 27.7649



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.



70.2100, -34.6135, 135.7508



79.7670, -39.3251, 153.6793



135.3670, -66.7359, 78.6081



104.2890, -1.6215, 6.7625



54.9720, -27.1012, 106.1416



14.9390, -7.3649, 28.9945

Inverse Universe

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



154.7900, 34.6135, -135.7508



175.2330, 39.3251, -153.6793



89.6330, 66.7359, -78.6081



108.7110, 1.6215, -6.7625



121.0280, 27.1012, -106.1416



33.0610, 7.3649, -28.9945

Previews

White Background



This preview shows how the YUV color 70.2100, -34.6135, 135.7508 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.2100, -34.6135, 135.7508

Background



This preview shows how black text looks on a background with the YUV color 70.2100, -34.6135, 135.7508.



This preview shows how white text looks on a background with the YUV color 70.2100, -34.6135,

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

70.2100, -34.6135, 135.7508

Protanopia

108.4960, -39.1915, 17.1050

Deuteranopia

106.1530, -52.3334, 32.3148



Tritanopia

79.0040, -38.9490, 126.2845

Trichromacy



Original Color

70.2100, -34.6135, 135.7508

Protanomaly

94.2270, -37.5799, 60.3139

Deuteranomaly

93.4040, -46.0482, 69.8057

Tritanomaly

75.7810, -37.3600, 129.9881

Monochromacy



Original Color

70.2100, -34.6135, 135.7508

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8060, -12.2294, 49.2821

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2100, -34.6135, 135.7508 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(225, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 5, 0)  
}
```

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(225, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 5, 0) }
```

Border

The CSS property to change the border of an element to YUV 70.2100, -34.6135, 135.7508 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(225, 5, 0) }
```


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

```
.border{ border-color:rgb(225, 5, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 5, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(225, 5, 0); box-shadow:4px  
4px 4px 4px rgb(225, 5, 0) }
```

Background

The CSS property to change the background color of an element to YUV 70.2100, -34.6135, 135.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 5, 0) }
```

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

```
.background{ background-color: rgb(225, 5,  
0) }
```

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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