

Converting Colors

YUV(86.0630, -35.0341,
130.6177)

Have a look what the booklet for
YUV(86.0630, -35.0341, 130.6177)
contains.

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Color

**YUV(86.0630, -35.0341,
130.6177)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB180F |
| RGB | 235, 24, 15 |
| RGB Percent | 92%, 9%, 6% |
| CMY | 0.0784, 0.9059, 0.9412 |
| CMYK | 0.00, 0.90, 0.94, 0.08 |
| HSL | 2°, 88%, 49% |
| HSV | 2°, 94%, 92% |
| XYZ | 34.6738, 18.3499, 2.1663 |
| YIQ | 86.0630, 128.6450, 41.9330 |

Conversions

Conversions Part 2

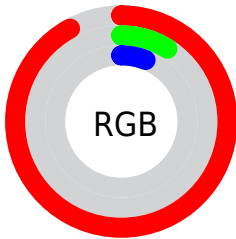
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 235, 24, 15 |
| Decimal | 15407119 |
| CIE _{Lab} | 49.92, 73.14, 59.46 |
| CIE _{LCh} | 50, 94.256, 39.110 |
| Yxy | 18.3499, 0.6283, 0.3325 |
| Android (android.graphics.Color) | 4293597199 (0xFFEB180F) |
| YUV | 86.0630, -35.0341, 130.6177 |
| Hunter-Lab | 42.8368, 69.5205, 26.9874 |

Details

The YUV color **86.0630, -35.0341, 130.6177** 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 **163.9370, 35.0341, -130.6177**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8820, -37.4098, 99.2045**, and **50.5310, -24.9118, 103.8973** is the 20% darker color. If you saturate the color by 10%, you get **76.1350, -37.5346, 139.3246**, and if you desaturate by 10%, it is **102.1860, -31.6437, 116.4779**.

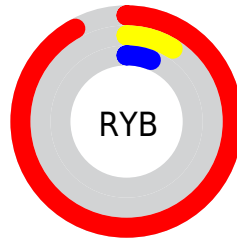
Distribution



Red (92%)

Green (9%)

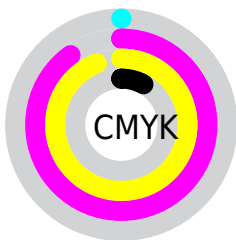
Blue (6%)



Red (92%)

Yellow (9%)

Blue (6%)

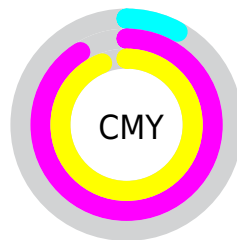


Cyan (0%)

Magenta (90%)

Yellow (94%)

Black (8%)



Cyan (8%)

Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0630, -35.0341, 130.6177 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 86.0630, -35.0341, 130.6177 by changing the saturation by 10% instead.

■ 86.0630, -35.0341,
130.6177

■ 86.0630, -35.0341,
130.6177

255.0000, 0.0000,
0.0000

■ 60.3980, -29.7762,
124.1850

■ 141.8820,
-37.4098, 99.2045

■ 50.5310, -24.9118,
103.8973

■ 162.3420,
-35.1716, 81.2611

■ 40.6640, -20.0474,
83.6097

■ 182.3290,
-32.2072, 63.7325

■ 31.2100, -14.8935,
63.8368

■ 202.9030,
-29.5322, 45.6891

■ 22.8810, -9.3083,
45.7084

■ 223.5910,
-26.4204, 27.5457


■ 12.6720, -5.7543,
25.7207


■ 244.3930,


■ 0.0000, 0.0000,


-22.8717, 9.3023


0.0000


 251.6940,
-12.6671, 2.8994


 86.0630, -35.0341,
130.6177

 86.0630, -35.0341,
130.6177

 76.1350, -37.5346,
139.3246

 102.1860,
-31.6437, 116.4779

 117.8360,
-27.5271, 102.7528

 133.9590,
-24.1368, 88.6130

 149.6090,
-20.0202, 74.8879

 165.7320,
-16.6299, 60.7480

■ 181.3820,
-12.5133, 47.0230

■ 197.5050, -9.1230,
32.8831

■ 213.1550, -5.0064,
19.1581

■ 229.2780, -1.6161,
5.0182

Harmonies

Analogous

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



86.6340, 6.0964, 145.0260



86.0630, -35.0341, 130.6177



110.5150, -54.4839, 68.8313

Triad

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



86.0630, -35.0341, 130.6177



92.6730, -18.0798, -81.2742



101.2710, 75.7884, -88.8147

Complementary

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



86.0630, -35.0341, 130.6177



163.9370, 35.0341, -130.6177

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.



113.0110, 70.0006, -99.1106



86.0630, -35.0341, 130.6177



104.2380, 18.6167, -91.4167

Square

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



86.0630, -35.0341, 130.6177



82.1800, -40.5147, -72.0719



113.1300, 52.6869, -99.2150



118.2340, 62.4956, 21.7198

Rectangle

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



86.0630, -35.0341, 130.6177



111.4580, -54.9488, 31.1703



113.1300, 52.6869, -99.2150



105.9670, 73.4733, -92.9331

Sweetspot

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



86.0630, -35.0341, 130.6177



206.9900, -11.3341, 42.1048



105.0620, 60.6084, 113.9556



98.3300, -7.0647, 26.0206



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.



86.0630, -35.0341, 130.6177



82.1150, -40.4827, 151.6201



149.4590, -66.2883, 75.0195



109.2890, -1.6215, 6.7625



58.2280, -28.7064, 107.6710



17.3200, -8.5388, 32.1684

Inverse Universe

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



163.9370, 35.0341, -130.6177



172.8850, 40.4827, -151.6201



100.5410, 66.2883, -75.0195



113.7110, 1.6215, -6.7625



122.7720, 28.7064, -107.6710



36.0930, 8.8282, -31.6536

Previews

White Background



This preview shows how the YUV color 86.0630, -35.0341, 130.6177 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



This preview shows how the YUV color 86.0630, -35.0341, 130.6177 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 86.0630, -35.0341, 130.6177

Background



This preview shows how black text looks on a background with the YUV color 86.0630, -35.0341, 130.6177.



This preview shows how white text looks on a background with the YUV color 86.0630, -35.0341,

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

86.0630, -35.0341, 130.6177

Protanopia

114.6100, -38.7547, 17.0050

Deuteranopia

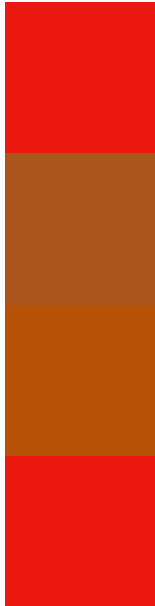
112.0670, -55.2490, 34.1442



Tritanopia

86.0630, -35.0341, 130.6177

Trichromacy



Original Color

86.0630, -35.0341, 130.6177

Protanomaly

104.2160, -37.5745, 58.5696

Deuteranomaly

102.5350, -48.0848, 69.6908

Tritanomaly

86.0630, -35.0341, 130.6177

Monochromacy



Original Color

86.0630, -35.0341, 130.6177

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6810, -12.6607, 47.6378

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0630, -35.0341, 130.6177 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(235, 24, 15)` looks like.

```
.text, #text, p{  
    color:rgb(235, 24, 15)  
}
```

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(235, 24, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 24, 15) }
```

Border

The CSS property to change the border of an element to YUV 86.0630, -35.0341, 130.6177 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(235, 24, 15) }
```


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

```
.border{ border-color:rgb(235, 24, 15) }
```

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

Here you see how a box with a 4 pixel rgb(235, 24, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 24, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 24, 15);  
box-shadow:4px 4px 4px 4px rgb(235, 24,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 86.0630, -35.0341, 130.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 24, 15) }
```

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

```
.background{ background-color: rgb(235, 24,  
15) }
```

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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