

Converting Colors

YUV(88.2040, -35.5966,
124.3551)

Have a look what the booklet for
YUV(88.2040, -35.5966, 124.3551)
contains.

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Color

**YUV(88.2040, -35.5966,
124.3551)**

Conversions

Conversions Part 1

Format	Color
Hex	E61E10
RGB	230, 30, 16
RGB Percent	90%, 12%, 6%
CMY	0.0980, 0.8824, 0.9373
CMYK	0.00, 0.87, 0.93, 0.10
HSL	4°, 87%, 48%
HSV	4°, 93%, 90%
XYZ	33.1909, 17.7890, 2.1745
YIQ	88.2040, 123.6940, 38.0460

Conversions

Conversions Part 2

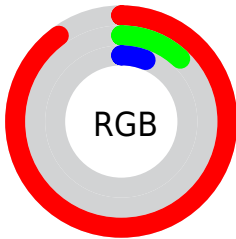
Format	Color
RYB	230, 31, 16
Decimal	15080976
CIELab	49.24, 70.89, 58.22
CIELCh	49, 91.737, 39.393
Yxy	17.7890, 0.6244, 0.3347
Android (android.graphics.Color)	4293271056 (0xFFE61E10)
YUV	88.2040, -35.5966, 124.3551
Hunter-Lab	42.1770, 66.6600, 26.4671

Details

The YUV color **88.2040, -35.5966, 124.3551** 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 **157.7960, 35.5966, -124.3551**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4690, -37.6992, 98.6897**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **77.5750, -38.2445, 133.6767**, and if you desaturate by 10%, it is **103.1530, -31.6274, 111.2448**.

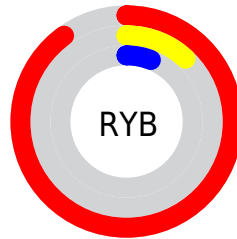
Distribution



Red (90%)

Green (12%)

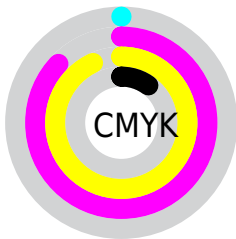
Blue (6%)



Red (90%)

Yellow (12%)

Blue (6%)

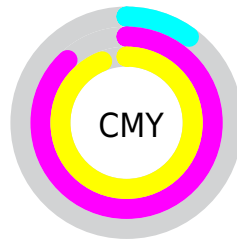


Cyan (0%)

Magenta (87%)

Yellow (93%)

Black (10%)



Cyan (10%)


Magenta (88%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.2040, -35.5966, 124.3551 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 88.2040, -35.5966, 124.3551 by changing the saturation by 10% instead.


 88.2040, -35.5966,
124.3551


 88.2040, -35.5966,
124.3551


255.0000, 0.0000,
0.0000


 58.9030, -29.0392,
121.1111


 142.4690,
-37.6992, 98.6897


 49.0360, -24.1747,
100.8234


 162.9290,
-35.4610, 80.7463


 39.4680, -19.4577,
81.1506


 182.9160,
-32.4966, 63.2177

 30.0140, -14.3039,
61.3777

 203.4900,
-29.8216, 45.1743

 21.6850, -8.7187,
43.2493

 223.5910,
-26.4204, 27.5457


 11.4760, -5.1647,
23.2615


 244.9800,


 0.0000, 0.0000,


-23.1611, 8.7875


0.0000

 251.6940,
-12.6671, 2.8994


 88.2040, -35.5966,
124.3551

 88.2040, -35.5966,
124.3551


 77.5750, -38.2445,
133.6767

 103.1530,
-31.6274, 111.2448

 118.6890,
-27.9477, 97.6197

 133.6380,
-23.9785, 84.5095

 149.1740,
-20.2988, 70.8844

 164.1230,
-16.3296, 57.7741

■ 179.6590,
-12.6499, 44.1491

■ 194.6080, -8.6807,
31.0388

■ 210.1440, -5.0010,
17.4137

■ 225.0930, -1.0318,
4.3034

Harmonies

Analogous

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



84.9110, 5.9599, 142.1521



88.2040, -35.5966, 124.3551



109.3190, -53.8943, 66.3722

Triad

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



88.2040, -35.5966, 124.3551



91.6130, -17.0642, -80.3446



100.0970, 76.3672, -87.7851

Complementary

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



88.2040, -35.5966, 124.3551



157.7960, 35.5966, -124.3551

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.



111.2500, 70.8688, -97.5662



88.2040, -35.5966, 124.3551



102.9500, 18.7587, -90.2871

Square

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



88.2040, -35.5966, 124.3551



81.0060, -39.9360, -71.0423



110.9130, 51.8079, -97.2707



116.7780, 60.7484, 22.1197

Rectangle

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



88.2040, -35.5966, 124.3551



109.9740, -54.2172, 29.8408



110.9130, 51.8079, -97.2707



104.7930, 74.0521, -91.9035

Sweetspot

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



88.2040, -35.5966, 124.3551



207.5770, -11.6235, 41.5900



103.1280, 57.1249, 111.2667



98.9170, -7.3541, 25.5058



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.



88.2040, -35.5966, 124.3551



86.2240, -42.5084, 148.0166



149.2520, -65.6932, 70.8160



107.1750, -2.0583, 6.8625



60.5650, -29.8585, 103.8675



17.0100, -8.3859, 29.8092

Inverse Universe

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



157.7960, 35.5966, -124.3551



168.7760, 42.5084, -148.0166



96.7480, 65.6932, -70.8160



110.8250, 2.0583, -6.8625



118.4350, 29.8585, -103.8675



33.9900, 8.3859, -29.8092

Previews

White Background



This preview shows how the YUV color 88.2040, -35.5966, 124.3551 looks on a white background.

Color Contrast Check

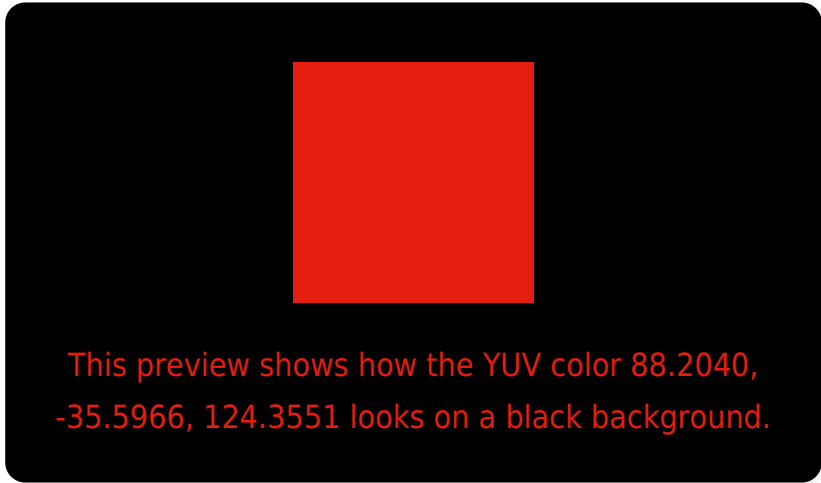
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 88.2040, -35.5966, 124.3551 Background



This preview shows how black text looks on a background with the YUV color 88.2040, -35.5966, 124.3551.



This preview shows how white text looks on a background with the YUV color 88.2040, -35.5966,

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

88.2040, -35.5966, 124.3551

Protanopia

112.7240, -38.3179, 16.9051

Deuteranopia

110.2950, -54.3754, 33.9443



Tritanopia

88.5290, -31.8128, 124.0701

Trichromacy



Original Color

88.2040, -35.5966, 124.3551

Protanomaly

103.9060, -37.4217, 56.2104

Deuteranomaly

102.0400, -47.3477, 66.6169

Tritanomaly

88.1870, -33.1232, 124.3700

Monochromacy



Original Color

88.2040, -35.5966, 124.3551

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2570, -12.9447, 45.3786

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2040, -35.5966, 124.3551 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(230, 30, 16)` looks like.

```
.text, #text, p{  
    color:rgb(230, 30, 16)  
}
```

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(230, 30, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 30, 16) }
```

Border

The CSS property to change the border of an element to YUV 88.2040, -35.5966, 124.3551 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(230, 30, 16) }
```


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

```
.border{ border-color:rgb(230, 30, 16) }
```

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

Here you see how a box with a 4 pixel rgb(230, 30, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 30, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 30, 16);  
box-shadow:4px 4px 4px 4px rgb(230, 30,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 88.2040, -35.5966, 124.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 30, 16) }
```

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

```
.background{ background-color: rgb(230, 30,  
16) }
```

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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