

Converting Colors

YUV(85.9320, -32.9975,
130.7326)

Have a look what the booklet for
YUV(85.9320, -32.9975, 130.7326)
contains.

YUV(85.9320, -32.9975, 130.7326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.9320, -32.9975,
130.7326)**

Conversions

Conversions Part 1

Format	Color
Hex	EB1713
RGB	235, 23, 19
RGB Percent	92%, 9%, 7%
CMY	0.0784, 0.9098, 0.9255
CMYK	0.00, 0.90, 0.92, 0.08
HSL	1°, 85%, 50%
HSV	1°, 92%, 92%
XYZ	34.6849, 18.3220, 2.3245
YIQ	85.9320, 127.6360, 43.7000

Conversions

Conversions Part 2

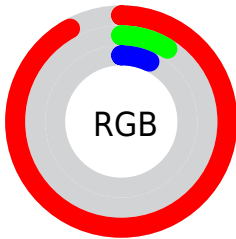
Format	Color
RYB	235, 23, 19
Decimal	15406867
CIELab	49.88, 73.32, 58.11
CIElCh	50, 93.556, 38.400
Yxy	18.3220, 0.6269, 0.3311
Android (android.graphics.Color)	4293596947 (0xFFEB1713)
YUV	85.9320, -32.9975, 130.7326
Hunter-Lab	42.8042, 69.7340, 26.7432

Details

The YUV color **85.9320, -32.9975, 130.7326** 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 **168.0680, 32.9975, -130.7326**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6370, -35.8100, 99.4194**, and **50.5310, -24.9118, 103.8973** is the 20% darker color. If you saturate the color by 10%, you get **72.6130, -35.7982, 142.4134**, and if you desaturate by 10%, it is **102.0550, -29.6071, 116.5928**.

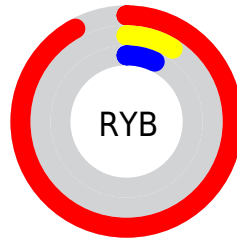
Distribution



Red (92%)

Green (9%)

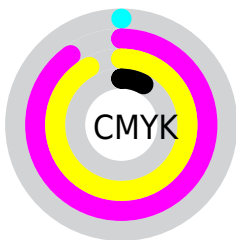
Blue (7%)



Red (92%)

Yellow (9%)

Blue (7%)

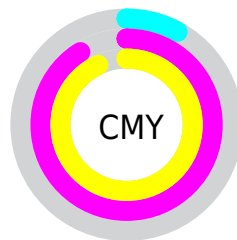


Cyan (0%)

Magenta (90%)

Yellow (92%)

Black (8%)



Cyan (8%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9320, -32.9975, 130.7326 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 85.9320, -32.9975, 130.7326 by changing the saturation by 10% instead.

■ 85.9320, -32.9975,
130.7326

■ 85.9320, -32.9975,
130.7326

255.0000, 0.0000,
0.0000

■ 60.3980, -29.7762,
124.1850

■ 141.6370,
-35.8100, 99.4194

■ 50.5310, -24.9118,
103.8973

■ 162.0970,
-33.5718, 81.4759

■ 40.6640, -20.0474,
83.6097

■ 182.5570,
-31.3336, 63.5325

■ 31.2100, -14.8935,
63.8368

■ 203.2450,
-28.2218, 45.3891

■ 22.8810, -9.3083,
45.7084

■ 223.9330,
-25.1100, 27.2458


■ 12.6720, -5.7543,
25.7207


■ 244.6210,


■ 0.0000, 0.0000,


-21.9982, 9.1024


0.0000


 252.0360,
-11.3567, 2.5994

 85.9320, -32.9975,
130.7326


 85.9320, -32.9975,
130.7326


 72.6130, -35.7982,
142.4134

 102.0550,
-29.6071, 116.5928

 118.2920,
-25.7800, 102.3529

 134.4150,
-22.3896, 88.2130

 150.6520,
-18.5624, 73.9732

 166.8890,
-14.7353, 59.7333

183.0120,
-11.3449, 45.5935

199.1350, -7.9546,
31.4536

215.9590, -4.4168,
16.6990

232.1960, -0.5896,
2.4591

Harmonies

Analogous

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



86.4490, 6.6806, 144.3112



85.9320, -32.9975, 130.7326



110.8140, -54.6313, 69.4461

Triad

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



85.9320, -32.9975, 130.7326



92.4450, -18.9534, -81.0743



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.



85.9320, -32.9975, 130.7326



168.0680, 32.9975, -130.7326

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



85.9320, -32.9975, 130.7326



104.0100, 17.7431, -91.2168

Square

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



85.9320, -32.9975, 130.7326



81.5930, -40.2253, -71.5571



112.7880, 51.3765, -98.9151



118.6250, 62.7959, 18.7459

Rectangle

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



85.9320, -32.9975, 130.7326



112.0560, -55.2436, 32.3999



112.7880, 51.3765, -98.9151



106.5540, 73.1839, -93.4479

Sweetspot

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



85.9320, -32.9975, 130.7326



205.8160, -10.7553, 43.1344



107.7520, 60.7613, 111.5965



97.7430, -6.7753, 26.5354



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.



85.9320, -32.9975, 130.7326



79.1800, -39.0357, 154.1941



149.3280, -64.2517, 75.1343



109.2890, -1.6215, 6.7625



55.8800, -27.5488, 109.7302



16.7330, -8.2494, 32.6832

Inverse Universe

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



168.0680, 32.9975, -130.7326



175.8200, 39.0357, -154.1941



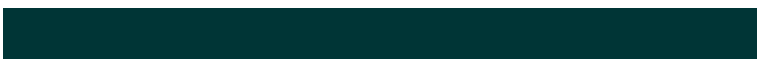
104.6720, 64.2517, -75.1343



113.7110, 1.6215, -6.7625



125.1200, 27.5488, -109.7302



37.2670, 8.2494, -32.6832

Previews

White Background



This preview shows how the YUV color 85.9320, -32.9975, 130.7326 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 85.9320, -32.9975, 130.7326 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 85.9320, -32.9975, 130.7326

Background



This preview shows how black text looks on a background with the YUV color 85.9320, -32.9975, 130.7326.



This preview shows how white text looks on a background with the YUV color 85.9320, -32.9975,

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

85.9320, -32.9975, 130.7326

Protanopia

114.9520, -37.4443, 16.7051

Deuteranopia

112.0670, -55.2490, 34.1442



Tritanopia

85.9490, -35.4709, 130.7177

Trichromacy



Original Color

85.9320, -32.9975, 130.7326

Protanomaly

104.6720, -35.8273, 58.1697

Deuteranomaly

102.7630, -47.2112, 69.4908

Tritanomaly

86.1770, -34.5973, 130.5178

Monochromacy



Original Color

85.9320, -32.9975, 130.7326

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9090, -11.7871, 47.4378

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9320, -32.9975, 130.7326 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, 23, 19)` looks like.

```
.text, #text, p{  
    color:rgb(235, 23, 19)  
}
```

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, 23, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 23, 19) }
```

Border

The CSS property to change the border of an element to YUV 85.9320, -32.9975, 130.7326 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, 23, 19) }
```


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

```
.border{ border-color:rgb(235, 23, 19) }
```

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

Here you see how a box with a 4 pixel rgb(235, 23, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 23, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 23, 19);  
box-shadow:4px 4px 4px 4px rgb(235, 23,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 85.9320, -32.9975, 130.7326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 23, 19) }
```

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

```
.background{ background-color: rgb(235, 23,  
19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor