

Converting Colors

YUV(86.8280, -31.9602,
124.6848)

Have a look what the booklet for
YUV(86.8280, -31.9602, 124.6848)
contains.

YUV(86.8280, -31.9602, 124.6848)	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(86.8280, -31.9602,
124.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	E51B16
RGB	229, 27, 22
RGB Percent	90%, 11%, 9%
CMY	0.1020, 0.8941, 0.9137
CMYK	0.00, 0.88, 0.90, 0.10
HSL	1°, 82%, 49%
HSV	1°, 90%, 90%
XYZ	32.8499, 17.4998, 2.4055
YIQ	86.8280, 121.9970, 41.2690

Conversions

Conversions Part 2

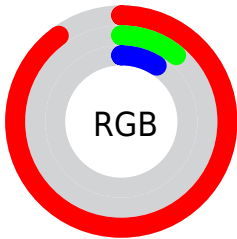
Format	Color
R_{YB}	229, 27, 22
Decimal	15014678
CIE Lab	48.88, 71.22, 55.75
CIE LCh	49, 90.442, 38.054
Yxy	17.4998, 0.6227, 0.3317
Android (android.graphics.Color)	4293204758 (0xFFE51B16)
YUV	86.8280, -31.9602, 124.6848
Hunter-Lab	41.8328, 66.9626, 25.8736

Details

The YUV color **86.8280, -31.9602, 124.6848** 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 **164.1720, 31.9602, -124.6848**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4520, -35.2258, 98.7046**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **71.9930, -35.4925, 137.6951**, and if you desaturate by 10%, it is **102.3640, -28.2805, 111.0598**.

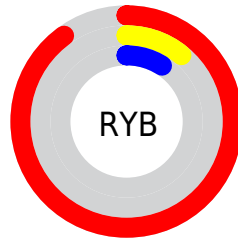
Distribution



Red (90%)

Green (11%)

Blue (9%)



Red (90%)

Yellow (11%)

Blue (9%)

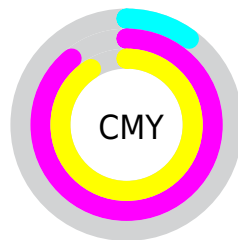


Cyan (0%)

Magenta (88%)

Yellow (90%)

Black (10%)



Cyan (10%)


Magenta (89%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8280, -31.9602, 124.6848 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 86.8280, -31.9602, 124.6848 by changing the saturation by 10% instead.


 86.8280, -31.9602,
124.6848

 86.8280, -31.9602,
124.6848


255.0000, 0.0000,
0.0000


 58.6040, -28.8918,
120.4963


 142.4520,
-35.2258, 98.7046


 48.7370, -24.0273,
100.2087


 162.7980,
-33.4244, 80.8612


 39.1690, -19.3103,
80.5358


 182.7850,
-30.4600, 63.3326

 29.7150, -14.1565,
60.7629

 202.7720,
-27.4956, 45.8040

 21.2720, -9.0081,
42.7345

 223.4600,
-24.3838, 27.6606


 11.1770, -5.0173,
22.6468


 244.2620,


 0.0000, 0.0000,


-20.8352, 9.4172


0.0000


 252.2640,
-10.4832, 2.3995


 86.8280, -31.9602,
124.6848


 86.8280, -31.9602,
124.6848

 71.9930, -35.4925,
137.6951

 102.3640,
-28.2805, 111.0598

 118.4870,
-24.8901, 96.9199

 134.0230,
-21.2103, 83.2948

 149.5590,
-17.5306, 69.6698

 165.6820,
-14.1402, 55.5299

■ 181.1040,
-10.8973, 42.0048

■ 196.6400, -7.2175,
28.3797

■ 212.7630, -3.8272,
14.2398

■ 228.2990, -0.1474,
0.6148

Harmonies

Analogous

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



84.2420, 7.2757, 140.1078



86.8280, -31.9602, 124.6848



108.4440, -53.4629, 68.0166

Triad

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



86.8280, -31.9602, 124.6848



89.9830, -18.2326, -78.9151



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.



86.8280, -31.9602, 124.6848



164.1720, 31.9602, -124.6848

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



86.8280, -31.9602, 124.6848



101.2060, 17.1534, -88.7577

Square

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



86.8280, -31.9602, 124.6848



82.8220, -40.8312, -63.8649



109.6420, 49.4765, -96.1560



116.0440, 60.6173, 17.5014

Rectangle

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



86.8280, -31.9602, 124.6848



109.3980, -53.9332, 32.1000



109.6420, 49.4765, -96.1560



104.7930, 74.0521, -91.9035

Sweetspot

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



86.8280, -31.9602, 124.6848



207.8050, -10.7499, 41.3900



107.1490, 58.5935, 106.8633



99.8460, -6.3331, 24.6911



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.



86.8280, -31.9602, 124.6848



79.7670, -39.3251, 153.6793



146.7020, -61.4781, 72.1753



107.1750, -2.0583, 6.8625



55.8690, -27.5434, 107.9859



15.8360, -7.8071, 30.8388

Inverse Universe

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



164.1720, 31.9602, -124.6848



175.2330, 39.3251, -153.6793



104.2980, 61.4781, -72.1753



110.8250, 2.0583, -6.8625



122.5440, 27.8328, -107.4711



35.1640, 7.8071, -30.8388

Previews

White Background



This preview shows how the YUV color 86.8280, -31.9602, 124.6848 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 86.8280, -31.9602, 124.6848

Background



This preview shows how black text looks on a background with the YUV color 86.8280, -31.9602, 124.6848.



This preview shows how white text looks on a background with the YUV color 86.8280, -31.9602,

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

86.8280, -31.9602, 124.6848

Protanopia

112.5220, -35.2603, 16.2052

Deuteranopia

109.4090, -53.9386, 33.8443



Tritanopia

86.7140, -32.3970, 124.7848

Trichromacy



Original Color

86.8280, -31.9602, 124.6848

Protanomaly

103.1170, -34.0747, 56.0254

Deuteranomaly

100.7950, -45.7479, 66.8318

Tritanomaly

86.7140, -32.3970, 124.7848

Monochromacy



Original Color

86.8280, -31.9602, 124.6848

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8980, -11.7817, 45.6935

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8280, -31.9602, 124.6848 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(229, 27, 22)` looks like.

```
.text, #text, p{  
  color:rgb(229, 27, 22)  
}
```

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(229, 27, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 27, 22) }
```

Border

The CSS property to change the border of an element to YUV 86.8280, -31.9602, 124.6848 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(229, 27, 22) }
```


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

```
.border{ border-color:rgb(229, 27, 22) }
```

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

Here you see how a box with a 4 pixel rgb(229, 27, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 27, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 27, 22);  
box-shadow:4px 4px 4px 4px rgb(229, 27,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 86.8280, -31.9602, 124.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 27, 22) }
```

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

```
.background{ background-color: rgb(229, 27,  
22) }
```

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