

Converting Colors

YUV(82.1430, -29.6505,
130.5476)

Have a look what the booklet for
YUV(82.1430, -29.6505, 130.5476)
contains.

YUV(82.1430, -29.6505, 130.5476)	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(82.1430, -29.6505,
130.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	E71216
RGB	231, 18, 22
RGB Percent	91%, 7%, 9%
CMY	0.0941, 0.9294, 0.9137
CMYK	0.00, 0.92, 0.90, 0.09
HSL	359°, 86%, 49%
HSV	359°, 92%, 91%
XYZ	33.3161, 17.4795, 2.3770
YIQ	82.1430, 125.6640, 46.4000

Conversions

Conversions Part 2

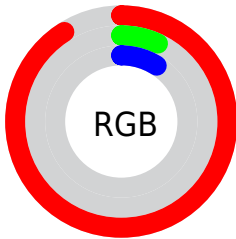
Format	Color
R_{YB}	231, 18, 22
Decimal	15143446
CIE Lab	48.86, 72.98, 55.93
CIE LCh	49, 91.944, 37.466
Yxy	17.4795, 0.6266, 0.3287
Android (android.graphics.Color)	4293333526 (0xFFE71216)
YUV	82.1430, -29.6505, 130.5476
Hunter-Lab	41.8084, 69.0775, 25.8950

Details

The YUV color **82.1430, -29.6505, 130.5476** 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 **166.8570, 29.6505, -130.5476**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5770, -34.7945, 100.3490**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **69.5250, -32.3038, 141.6136**, and if you desaturate by 10%, it is **98.2660, -26.2601, 116.4077**.

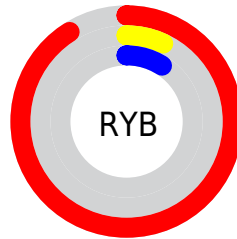
Distribution



Red (91%)

Green (7%)

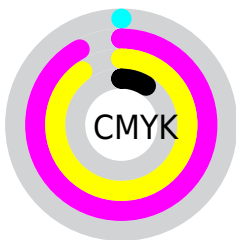
Blue (9%)



Red (91%)

Yellow (7%)

Blue (9%)

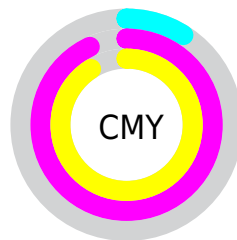


Cyan (0%)

Magenta (92%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (93%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.1430, -29.6505, 130.5476 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 82.1430, -29.6505, 130.5476 by changing the saturation by 10% instead.


 82.1430, -29.6505,
130.5476


 82.1430, -29.6505,
130.5476


255.0000, 0.0000,
0.0000


 59.2020, -29.1866,
121.7258


 140.5770,
-34.7945, 100.3490


 49.3350, -24.3222,
101.4382


 161.0370,
-32.5562, 82.4056


 39.4680, -19.4577,
81.1506


 181.6110,
-29.8812, 64.3622

 30.4270, -14.0145,
61.8925

 201.5980,
-26.9168, 46.8336

 21.6850, -8.7187,
43.2493

 222.2860,
-23.8050, 28.6902


 11.4760, -5.1647,
23.2615


 243.0880,


 0.0000, 0.0000,


-20.2564, 10.4468


0.0000


 252.1500,
-10.9200, 2.4994

 82.1430, -29.6505,
130.5476


 82.1430, -29.6505,
130.5476


 69.5250, -32.3038,
141.6136

 98.2660, -26.2601,
116.4077

 114.2750,
-23.3066, 102.3678

 130.3980,
-19.9162, 88.2280

 146.5210,
-16.5259, 74.0881

 163.1170,
-13.8617, 59.5334

■ 179.2400,
-10.4713, 45.3935

■ 195.3630, -7.0810,
31.2536

■ 211.3720, -4.1274,
17.2138

■ 227.4950, -0.7370,
3.0739

Harmonies

Analogous

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



85.0680, 7.8545, 141.1374



82.1430, -29.6505, 130.5476



107.8680, -53.1789, 70.2758

Triad

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



82.1430, -29.6505, 130.5476



89.6410, -19.5430, -78.6152



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.



82.1430, -29.6505, 130.5476



166.8570, 29.6505, -130.5476

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



82.1430, -29.6505, 130.5476



100.9780, 16.2798, -88.5577

Square

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



82.1430, -29.6505, 130.5476



82.8220, -40.8312, -63.8649



109.6420, 49.4765, -96.1560



115.4890, 62.3699, 15.3571

Rectangle

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



82.1430, -29.6505, 130.5476



109.1100, -53.7912, 33.2295



109.6420, 49.4765, -96.1560



105.3800, 73.7627, -92.4183

Sweetspot

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



82.1430, -29.6505, 130.5476



205.3430, -10.0291, 43.5492



103.8760, 62.6721, 105.3487



97.2700, -6.0491, 26.9502



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.



82.1430, -29.6505, 130.5476



76.8150, -35.4048, 156.2682



139.8000, -60.0474, 79.9824



106.5880, -1.7689, 7.3773



53.8630, -25.0755, 109.7451



15.3630, -7.0810, 31.2536

Inverse Universe

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



82.1430, -29.6505, 130.5476



76.8150, -35.4048, 156.2682



109.2000, 60.0474, -79.9824



106.5880, -1.7689, 7.3773



53.8630, -25.0755, 109.7451



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 82.1430, -29.6505, 130.5476 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 82.1430, -29.6505, 130.5476 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 82.1430, -29.6505, 130.5476

Background



This preview shows how black text looks on a background with the YUV color 82.1430, -29.6505, 130.5476.



This preview shows how white text looks on a background with the YUV color 82.1430, -29.6505,

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

82.1430, -29.6505, 130.5476

Protanopia

112.6360, -34.8235, 16.1052

Deuteranopia

109.4090, -53.9386, 33.8443



Tritanopia

80.8090, -39.8388, 131.7175

Trichromacy



Original Color

82.1430, -29.6505, 130.5476

Protanomaly

101.4700, -32.7697, 57.4698

Deuteranomaly

99.3330, -45.0272, 68.9910

Tritanomaly

81.1340, -36.0551, 131.4325

Monochromacy



Original Color

82.1430, -29.6505, 130.5476

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1370, -10.9135, 47.2379

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1430, -29.6505, 130.5476 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(231, 18, 22)` looks like.

```
.text, #text, p{  
    color:rgb(231, 18, 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(231, 18, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 18, 22) }
```

Border

The CSS property to change the border of an element to YUV 82.1430, -29.6505, 130.5476 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(231, 18, 22) }
```


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

```
.border{ border-color:rgb(231, 18, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 18, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 18, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 18, 22);  
box-shadow:4px 4px 4px 4px rgb(231, 18,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 82.1430, -29.6505, 130.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 18, 22) }
```

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

```
.background{ background-color: rgb(231, 18,  
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](#).

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