

Converting Colors

YUV(65.4830, -21.9301,
127.6184)

Have a look what the booklet for
YUV(65.4830, -21.9301, 127.6184)
contains.

YUV(65.4830, -21.9301, 127.6184)	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(65.4830, -21.9301,
127.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	D30015
RGB	211, 0, 21
RGB Percent	83%, 0%, 8%
CMY	0.1725, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.90, 0.17
HSL	354°, 100%, 41%
HSV	354°, 100%, 83%
XYZ	26.9993, 13.9030, 1.9700
YIQ	65.4830, 119.0150, 51.2630

Conversions

Conversions Part 2

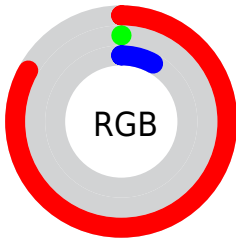
Format	Color
RYB	211, 0, 21
Decimal	13828117
CIELab	44.09, 69.66, 51.10
CIELCh	44, 86.394, 36.266
Yxy	13.9030, 0.6298, 0.3243
Android (android.graphics.Color)	4292018197 (0xFFD30015)
YUV	65.4830, -21.9301, 127.6184
Hunter-Lab	37.2868, 63.9999, 22.9682

Details

The YUV color **65.4830, -21.9301, 127.6184** 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 **145.5170, 21.9301, -127.6184**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0660, -33.0635, 105.1821**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **65.4830, -21.9301, 127.6184**, and if you desaturate by 10%, it is **79.9760, -19.7082, 114.9080**.

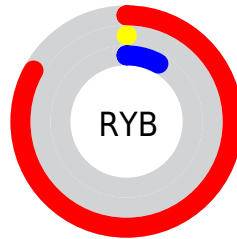
Distribution



Red (83%)

Green (0%)

Blue (8%)



Red (83%)

Yellow (0%)

Blue (8%)

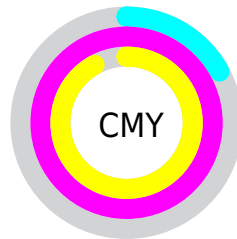


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4830, -21.9301, 127.6184 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 65.4830, -21.9301, 127.6184 by changing the saturation by 10% instead.

■ 65.4830, -21.9301,
127.6184

■ 65.4830, -21.9301,
127.6184

255.0000, 0.0000,
0.0000

■ 53.2220, -26.2384,
109.4303

■ 135.0660,
-33.0635, 105.1821

■ 43.6540, -21.5214,
89.7574

■ 155.4120,
-31.2621, 87.3387

■ 34.0860, -16.8044,
70.0846

■ 175.3990,
-28.2977, 69.8101

■ 25.0450, -11.3612,
50.8265

■ 195.3860,
-25.3333, 52.2815

■ 16.0750, -6.9390,
32.3832

■ 216.0740,
-22.2215, 34.1381


■ 0.8970, -0.4422,
1.8443


■ 236.7620,


■ 0.0000, 0.0000,


-19.1097, 15.9947

0.0000


 251.6940,
-12.6671, 2.8994


 65.4830, -21.9301,
127.6184

 79.9760, -19.7082,
114.9080

 94.4690, -17.4862,
102.1977

 108.9620,
-15.2643, 89.4873

 123.4550,
-13.0423, 76.7770

 138.5350,
-11.1098, 63.5518

■ 153.0280, -8.8878,
50.8414

■ 167.5210, -6.6659,
38.1311

■ 182.0140, -4.4439,
25.4207

■ 196.5070, -2.2220,
12.7104

Harmonies

Analogous

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



77.2790, 7.7505, 127.7973



65.4830, -21.9301, 127.6184



96.6270, -47.6371, 66.1021

Triad

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



65.4830, -21.9301, 127.6184



80.2830, -19.8595, -70.4082



93.0700, 77.3665, -81.6224

Complementary

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



65.4830, -21.9301, 127.6184



145.5170, 21.9301, -127.6184

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.



101.6810, 67.2053, -89.1742



65.4830, -21.9301, 127.6184



90.9360, 13.3426, -79.7509

Square

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



65.4830, -21.9301, 127.6184



76.6970, -37.8116, -52.3543



99.0300, 44.3552, -86.8493



103.4190, 58.4604, 9.2795

Rectangle

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



65.4830, -21.9301, 127.6184



98.4780, -48.5497, 32.0298



99.0300, 44.3552, -86.8493



97.8800, 75.4882, -85.8408

Sweetspot

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



65.4830, -21.9301, 127.6184



202.5220, -8.1453, 46.0232



80.8640, 64.1570, 95.7123



96.2100, -5.0335, 27.8798



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.



65.4830, -21.9301, 127.6184



79.0950, -26.6688, 154.2687



112.3970, -55.4117, 86.4748



97.4030, -1.1847, 6.6626



52.1700, -17.3388, 101.5829



12.7150, -4.2965, 24.8059

Inverse Universe

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



65.4830, -21.9301, 127.6184



79.0950, -26.6688, 154.2687



98.6030, 55.4117, -86.4748



97.4030, -1.1847, 6.6626



52.1700, -17.3388, 101.5829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 65.4830, -21.9301, 127.6184 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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.4830, -21.9301, 127.6184 Background



This preview shows how black text looks on a background with the YUV color 65.4830, -21.9301, 127.6184.



This preview shows how white text looks on a background with the YUV color 65.4830, -21.9301,

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

65.4830, -21.9301, 127.6184

Protanopia

102.9500, -31.0343, 14.0759

Deuteranopia

99.3530, -48.9810, 30.3854



Tritanopia

73.9430, -36.4539, 119.3220

Trichromacy



Original Color

65.4830, -21.9301, 127.6184

Protanomaly

89.1260, -27.6701, 55.1405

Deuteranomaly

86.9180, -38.9066, 65.8469

Tritanomaly

70.7460, -30.9338, 122.1258

Monochromacy



Original Color

65.4830, -21.9301, 127.6184

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9350, -7.8560, 46.5380

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4830, -21.9301, 127.6184 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(211, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 21)  
}
```

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(211, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 21) }
```

Border

The CSS property to change the border of an element to YUV 65.4830, -21.9301, 127.6184 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(211, 0, 21) }
```


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

```
.border{ border-color:rgb(211, 0, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 0, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(211, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.4830, -21.9301, 127.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 21) }
```

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

```
.background{ background-color: rgb(211, 0,  
21) }
```

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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