

Converting Colors

YUV(61.9960, -30.0710,
125.4145)

Have a look what the booklet for
YUV(61.9960, -30.0710, 125.4145)
contains.

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Color

**YUV(61.9960, -30.0710,
125.4145)**

Conversions

Conversions Part 1

Format	Color
Hex	CD0101
RGB	205, 1, 1
RGB Percent	80%, 0%, 0%
CMY	0.1961, 0.9961, 0.9961
CMYK	0.00, 1.00, 1.00, 0.20
HSL	0°, 99%, 40%
HSV	0°, 100%, 80%
XYZ	25.1932, 13.0030, 1.2107
YIQ	61.9960, 121.5840, 43.2480

Conversions

Conversions Part 2

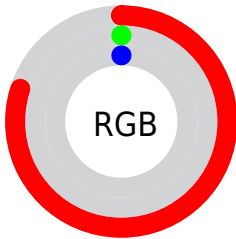
Format	Color
RYB	205, 1, 1
Decimal	13435137
CIELab	42.77, 67.87, 56.68
CIElCh	43, 88.429, 39.867
Yxy	13.0030, 0.6393, 0.3300
Android (android.graphics.Color)	4291625217 (0xFFCD0101)
YUV	61.9960, -30.0710, 125.4145
Hunter-Lab	36.0597, 61.6047, 23.2511

Details

The YUV color **61.9960, -30.0710, 125.4145** 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 **144.0040, 30.0710, -125.4145**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7690, -39.3261, 107.1966**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **61.2950, -30.2184, 126.0293**, and if you desaturate by 10%, it is **76.0160, -27.1229, 113.1190**.

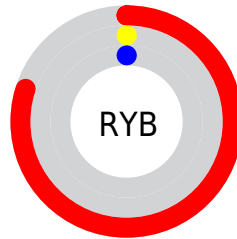
Distribution



Red (80%)

Green (0%)

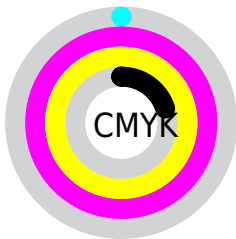
Blue (0%)



Red (80%)

Yellow (0%)

Blue (0%)

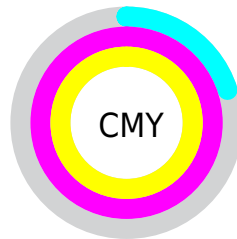


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 61.9960, -30.0710, 125.4145 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 61.9960, -30.0710, 125.4145 by changing the saturation by 10% instead.


 61.9960, -30.0710,
125.4145


 61.9960, -30.0710,
125.4145


 253.2900, -6.5520,
1.4997


 51.7270, -25.5014,
106.3564


 132.7690,
-39.3261, 107.1966


 41.8600, -20.6370,
86.0688


 152.6420,
-36.7985, 89.7680


 32.2920, -15.9200,
66.3959

 172.5150,
-34.2709, 72.3393

 23.6640, -10.1874,
47.6527

 192.5020,
-31.3065, 54.8107

 14.5800, -6.2019,
29.3093


 213.1900,
-28.1947, 36.6674


 0.0000, 0.0000,
0.0000


 233.2910,


-24.7935, 19.0388


 249.9840,
-19.2191, 4.3990

 61.9960, -30.0710,
125.4145

 61.9960, -30.0710,
125.4145


 61.2950, -30.2184,
126.0293

 76.0160, -27.1229,
113.1190

 90.7370, -24.0273,
100.2087

 104.7570,
-21.0792, 87.9131

 119.4780,
-17.9837, 75.0028

 134.1990,
-14.8881, 62.0925

■ 148.2190,
-11.9400, 49.7969

■ 162.9400, -8.8444,
36.8866

■ 176.9600, -5.8963,
24.5911

■ 191.6810, -2.8007,
11.6808

Harmonies

Analogous

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



75.6120, 2.6563, 128.3823



61.9960, -30.0710, 125.4145



94.2240, -46.4524, 59.4396

Triad

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



61.9960, -30.0710, 125.4145



79.2060, -16.3706, -69.4637



89.4340, 78.6660, -78.4336

Complementary

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



61.9960, -30.0710, 125.4145



144.0040, 30.0710, -125.4145

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.



99.6750, 69.6732, -87.4150



61.9960, -30.0710, 125.4145



89.8590, 16.8315, -78.8063

Square

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



61.9960, -30.0710, 125.4145



70.4400, -34.7269, -61.7759



97.9530, 47.8442, -85.9048



99.4530, 56.9647, 22.4047

Rectangle

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



61.9960, -30.0710, 125.4145



95.1890, -46.9282, 25.2672



97.9530, 47.8442, -85.9048



94.3580, 77.2245, -82.7520

Sweetspot

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



61.9960, -30.0710, 125.4145



201.7240, -11.2029, 46.7231



85.2520, 59.0358, 105.0190



95.7540, -6.7807, 28.2797



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.



61.9960, -30.0710, 125.4145



76.2450, -37.5888, 156.7681



121.8700, -59.5889, 72.9050



94.9900, -1.4741, 6.1478



49.6340, -24.4696, 102.0530



11.3620, -5.6015, 23.3615

Inverse Universe

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



144.0040, 30.0710, -125.4145



178.7550, 37.5888, -156.7681



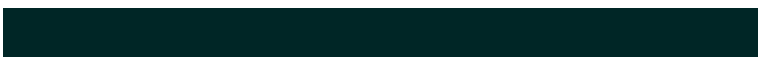
84.1300, 59.5889, -72.9050



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 61.9960, -30.0710, 125.4145 looks on a white background.

Color Contrast Check

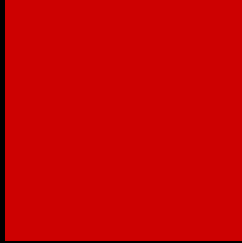
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.9960, -30.0710, 125.4145 looks on a 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 61.9960, -30.0710, 125.4145

Background



This preview shows how black text looks on a background with the YUV color 61.9960, -30.0710, 125.4145.



This preview shows how white text looks on a background with the YUV color 61.9960, -30.0710,

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

61.9960, -30.0710, 125.4145

Protanopia

98.8100, -35.4023, 15.0756

Deuteranopia

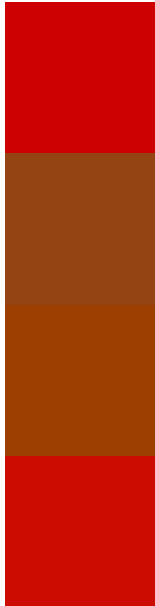
96.3960, -47.5232, 29.4707



Tritanopia

71.8500, -35.4220, 115.0186

Trichromacy



Original Color

61.9960, -30.0710, 125.4145

Protanomaly

85.6330, -33.3431, 54.6959

Deuteranomaly

83.9240, -41.3745, 64.0877

Tritanomaly

68.0400, -33.5437, 119.2369

Monochromacy



Original Color

61.9960, -30.0710, 125.4145

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1260, -10.9081, 45.4935

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9960, -30.0710, 125.4145 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(205, 1, 1)` looks like.

```
.text, #text, p{  
    color:rgb(205, 1, 1)  
}
```

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(205, 1, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 1, 1) }
```

Border

The CSS property to change the border of an element to YUV 61.9960, -30.0710, 125.4145 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(205, 1, 1) }
```


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

```
.border{ border-color:rgb(205, 1, 1) }
```

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

Here you see how a box with a 4 pixel rgb(205, 1, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 1, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(205, 1, 1); box-shadow:4px  
4px 4px 4px rgb(205, 1, 1) }
```

Background

The CSS property to change the background color of an element to YUV 61.9960, -30.0710, 125.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 1, 1) }
```

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

```
.background{ background-color: rgb(205, 1,  
1) }
```

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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