

Converting Colors

YUV(61.2950, -30.2184,
126.0293)

Have a look what the booklet for
YUV(61.2950, -30.2184, 126.0293)
contains.

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Color

**YUV(61.2950, -30.2184,
126.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	CD0000
RGB	205, 0, 0
RGB Percent	80%, 0%, 0%
CMY	0.1961, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.20
HSL	0°, 100%, 40%
HSV	0°, 100%, 80%
XYZ	25.1768, 12.9791, 1.1783
YIQ	61.2950, 122.1800, 43.4600

Conversions

Conversions Part 2

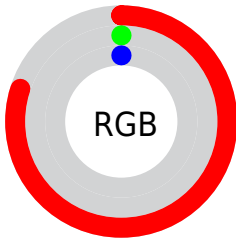
Format	Color
R_{YB}	205, 0, 0
Decimal	13434880
CIE _{Lab}	42.73, 67.96, 57.02
CIE _{LCh}	43, 88.714, 40.000
Yxy	12.9791, 0.6401, 0.3300
Android (android.graphics.Color)	4291624960 (0xFFCD0000)
YUV	61.2950, -30.2184, 126.0293
Hunter-Lab	36.0266, 61.6966, 23.2795

Details

The YUV color **61.2950, -30.2184, 126.0293** 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 **143.7050, 30.2184, -126.0293**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1820, -39.0367, 107.7114**, 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 **75.3150, -27.2703, 113.7337**.

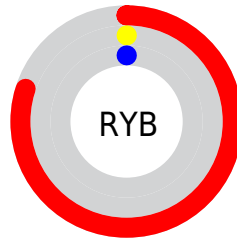
Distribution



Red (80%)

Green (0%)

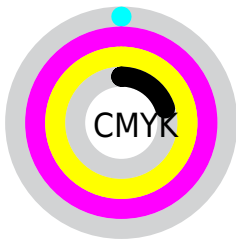
Blue (0%)



Red (80%)

Yellow (0%)

Blue (0%)

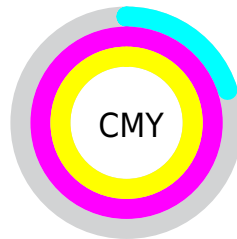


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.2950, -30.2184, 126.0293 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 61.2950, -30.2184, 126.0293 by changing the saturation by 10% instead.


 61.2950, -30.2184,
126.0293


 61.2950, -30.2184,
126.0293


 253.1760, -6.9888,
1.5996


 51.7270, -25.5014,
106.3564


 132.1820,
-39.0367, 107.7114


 41.8600, -20.6370,
86.0688


 152.5280,
-37.2353, 89.8679


 32.2920, -15.9200,
66.3959

 172.4010,
-34.7077, 72.4393

 23.6640, -10.1874,
47.6527

 192.3880,
-31.7433, 54.9107

 14.5800, -6.2019,
29.3093


 213.0760,
-28.6315, 36.7673


 0.0000, 0.0000,
0.0000


 233.1770,


-25.2303, 19.1388


 249.8700,
-19.6559, 4.4990


 61.2950, -30.2184,
126.0293

 75.3150, -27.2703,
113.7337

 90.0360, -24.1747,
100.8234

 104.7570,
-21.0792, 87.9131

 118.7770,
-18.1311, 75.6176

 133.4980,
-15.0355, 62.7073

■ 147.5180,
-12.0874, 50.4117

■ 162.2390, -8.9918,
37.5014

■ 176.2590, -6.0437,
25.2059

■ 190.9800, -2.9481,
12.2955

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



61.2950, -30.2184, 126.0293



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.



61.2950, -30.2184, 126.0293



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.



61.2950, -30.2184, 126.0293



143.7050, 30.2184, -126.0293

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



61.2950, -30.2184, 126.0293



89.9730, 17.2683, -78.9063

Square

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



61.2950, -30.2184, 126.0293



70.4400, -34.7269, -61.7759



97.9530, 47.8442, -85.9048



99.8660, 57.2541, 22.9195

Rectangle

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



61.2950, -30.2184, 126.0293



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.



61.2950, -30.2184, 126.0293



201.7240, -11.2029, 46.7231



84.6650, 59.3252, 105.5338



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.



61.2950, -30.2184, 126.0293



76.2450, -37.5888, 156.7681



121.7560, -60.0257, 73.0050



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.



143.7050, 30.2184, -126.0293



178.7550, 37.5888, -156.7681



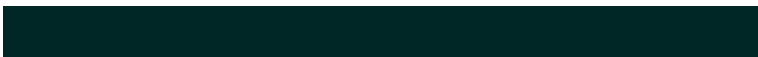
83.8310, 59.7363, -73.5198



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 61.2950, -30.2184, 126.0293 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 61.2950, -30.2184, 126.0293

Background



This preview shows how black text looks on a background with the YUV color 61.2950, -30.2184, 126.0293.



This preview shows how white text looks on a background with the YUV color 61.2950, -30.2184,

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

61.2950, -30.2184, 126.0293

Protanopia

98.8100, -35.4023, 15.0756

Deuteranopia

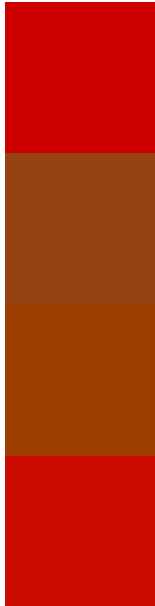
96.3960, -47.5232, 29.4707



Tritanopia

71.8500, -35.4220, 115.0186

Trichromacy



Original Color

61.2950, -30.2184, 126.0293

Protanomaly

84.9320, -33.4905, 55.3106

Deuteranomaly

83.3370, -41.0851, 64.6025

Tritanomaly

68.0400, -33.5437, 119.2369

Monochromacy



Original Color

61.2950, -30.2184, 126.0293

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1260, -10.9081, 45.4935

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2950, -30.2184, 126.0293 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, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 0)  
}
```

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, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 61.2950, -30.2184, 126.0293 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, 0, 0) }
```


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

```
.border{ border-color:rgb(205, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(205, 0, 0); box-shadow:4px  
4px 4px 4px rgb(205, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 61.2950, -30.2184, 126.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 0) }
```

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

```
.background{ background-color: rgb(205, 0,  
0) }
```

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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