

Converting Colors

YUV(61.8300, -25.0592,
104.5121)

Have a look what the booklet for
YUV(61.8300, -25.0592, 104.5121)
contains.

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Color

**YUV(61.8300, -25.0592,
104.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	B50B0B
RGB	181, 11, 11
RGB Percent	71%, 4%, 4%
CMY	0.2902, 0.9569, 0.9569
CMYK	0.00, 0.94, 0.94, 0.29
HSL	0°, 89%, 38%
HSV	0°, 94%, 71%
XYZ	19.2361, 10.0873, 1.2498
YIQ	61.8300, 101.3200, 36.0400

Conversions

Conversions Part 2

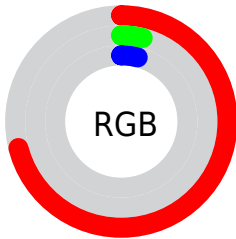
Format	Color
RYB	181, 11, 11
Decimal	11864843
CIELab	38.00, 60.81, 47.99
CIElCh	38, 77.461, 38.279
Yxy	10.0873, 0.6292, 0.3299
Android (android.graphics.Color)	4290054923 (0xFFB50B0B)
YUV	61.8300, -25.0592, 104.5121
Hunter-Lab	31.7605, 52.5301, 19.8992

Details

The YUV color **61.8300, -25.0592, 104.5121** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **130.1700, 25.0592, -104.5121**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5880, -34.7999, 102.0933**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **54.1190, -26.6807, 111.2746**, and if you desaturate by 10%, it is **74.4480, -22.4059, 93.4461**.

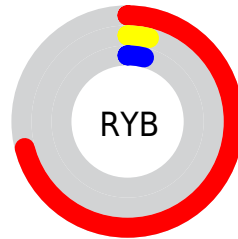
Distribution



Red (71%)

Green (4%)

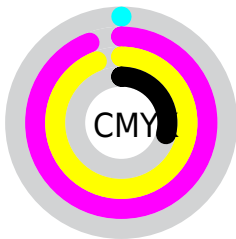
Blue (4%)



Red (71%)

Yellow (4%)

Blue (4%)

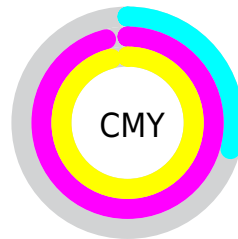


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (29%)



Cyan (29%)


Magenta (96%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.8300, -25.0592, 104.5121 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 61.8300, -25.0592, 104.5121 by changing the saturation by 10% instead.


 61.8300, -25.0592,
104.5121


 61.8300, -25.0592,
104.5121


 253.6320, -5.2416,
1.1997


 44.8500, -22.1110,
92.2166


 128.5880,
-34.7999, 102.0933


 35.2820, -17.3940,
72.5437


 150.7500,
-33.8937, 91.4273


 26.0130, -12.8244,
53.4856

 170.6230,
-31.3661, 73.9986

 17.8690, -7.8234,
36.0719

 190.0230,
-28.1123, 56.9848

 5.9800, -2.9481,
12.2955


 210.1240,
-24.7111, 39.3563


 0.0000, 0.0000,
0.0000


 230.2250,


-21.3099, 21.7277


 250.4400,
-17.4719, 3.9991


 61.8300, -25.0592,
104.5121


 61.8300, -25.0592,
104.5121


 54.1190, -26.6807,
111.2746

 74.4480, -22.4059,
93.4461

 87.0660, -19.7525,
82.3801

 99.6840, -17.0992,
71.3141

 112.3020,
-14.4459, 60.2481

 125.6210,
-11.6452, 48.5674

■ 138.2390, -8.9918,
37.5014

■ 150.8570, -6.3385,
26.4354

■ 163.4750, -3.6852,
15.3694

■ 176.0930, -1.0318,
4.3034

Harmonies

Analogous

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



66.5560, 4.1629, 111.7684



61.8300, -25.0592, 104.5121



83.2710, -41.0526, 54.1363

Triad

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



61.8300, -25.0592, 104.5121



69.4890, -15.5241, -60.9419



79.2150, 67.4350, -69.4716

Complementary

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



61.8300, -25.0592, 104.5121



130.1700, 25.0592, -104.5121

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.



87.6950, 59.3104, -76.9085



61.8300, -25.0592, 104.5121



79.0020, 13.3100, -69.2848

Square

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



61.8300, -25.0592, 104.5121



62.2220, -30.6754, -54.5687



85.9560, 39.9547, -75.3834



89.1610, 49.7136, 14.7678

Rectangle

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



61.8300, -25.0592, 104.5121



84.2690, -41.5446, 25.1971



85.9560, 39.9547, -75.3834



83.5520, 66.2829, -73.2751

Sweetspot

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



61.8300, -25.0592, 104.5121



188.7340, -9.7289, 40.5753



81.2100, 49.1965, 87.5158



88.9600, -5.8963, 24.5911



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8300, -25.0592, 104.5121



70.2650, -34.6406, 144.4726



111.7250, -49.6574, 60.7542



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



130.1700, 25.0592, -104.5121



164.7350, 34.6406, -144.4726



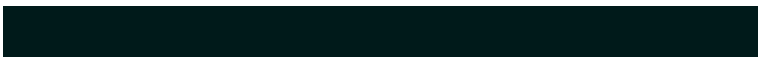
80.2750, 49.6574, -60.7542



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 61.8300, -25.0592, 104.5121 looks on a white background.

Color Contrast Check

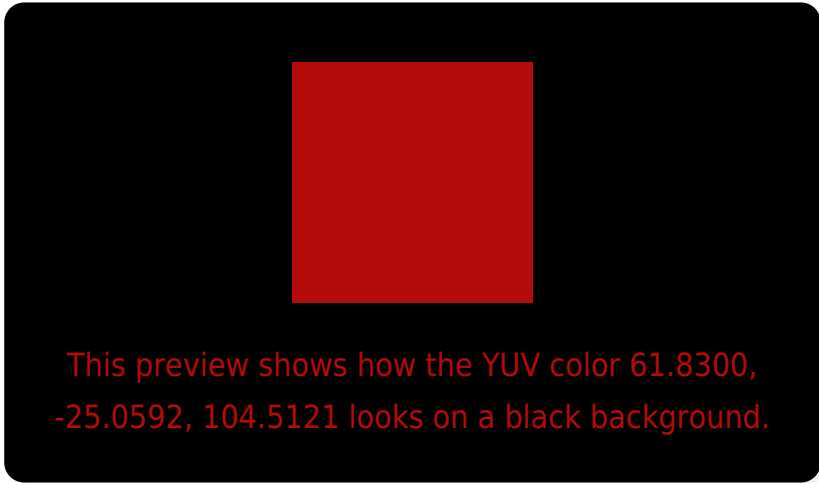
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.8300, -25.0592, 104.5121 Background



This preview shows how black text looks on a background with the YUV color 61.8300, -25.0592, 104.5121.



This preview shows how white text looks on a background with the YUV color 61.8300, -25.0592,

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

61.8300, -25.0592, 104.5121

Protanopia

87.8790, -30.0133, 13.2611

Deuteranopia

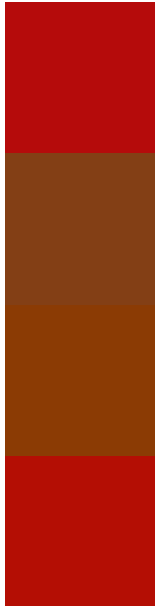
85.4540, -42.1288, 25.9118



Tritanopia

63.2120, -31.1635, 102.4231

Trichromacy



Original Color

61.8300, -25.0592, 104.5121

Protanomaly

78.5440, -28.3692, 46.0039

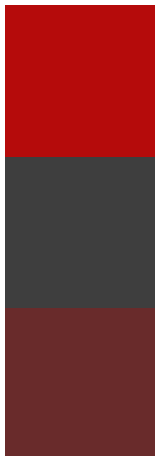
Deuteranomaly

76.6500, -35.8164, 54.6810

Tritanomaly

62.4940, -28.8375, 103.0528

Monochromacy



Original Color

61.8300, -25.0592, 104.5121

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.5380, -9.1392, 38.1162

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8300, -25.0592, 104.5121 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(181, 11, 11)` looks like.

```
.text, #text, p{  
    color:rgb(181, 11, 11)  
}
```

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(181, 11, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 11, 11) }
```

Border

The CSS property to change the border of an element to YUV 61.8300, -25.0592, 104.5121 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(181, 11, 11) }
```


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

```
.border{ border-color:rgb(181, 11, 11) }
```

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

Here you see how a box with a 4 pixel rgb(181, 11, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 11, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 11, 11);  
box-shadow:4px 4px 4px 4px rgb(181, 11,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 61.8300, -25.0592, 104.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 11, 11) }
```

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

```
.background{ background-color: rgb(181, 11,  
11) }
```

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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