

Converting Colors

YUV(66.4510, -30.2953,
103.9675)

Have a look what the booklet for
YUV(66.4510, -30.2953, 103.9675)
contains.

YUV(66.4510, -30.2953, 103.9675)	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(66.4510, -30.2953,
103.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	B91205
RGB	185, 18, 5
RGB Percent	73%, 7%, 2%
CMY	0.2745, 0.9294, 0.9804
CMYK	0.00, 0.90, 0.97, 0.27
HSL	4°, 95%, 37%
HSV	4°, 97%, 73%
XYZ	20.2513, 10.7579, 1.1527
YIQ	66.4510, 103.7050, 31.3610

Conversions

Conversions Part 2

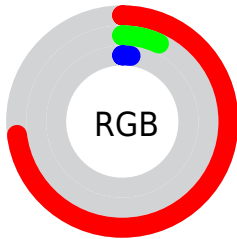
Format	Color
R_{YB}	185, 19, 5
Decimal	12128773
CIE Lab	39.17, 60.84, 51.20
CIE LCh	39, 79.517, 40.087
Yxy	10.7579, 0.6297, 0.3345
Android (android.graphics.Color)	4290318853 (0xFFB91205)
YUV	66.4510, -30.2953, 103.9675
Hunter-Lab	32.7992, 52.8132, 20.8757

Details

The YUV color **66.4510, -30.2953, 103.9675** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **123.5490, 30.2953, -103.9675**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5020, -37.7155, 103.9227**, and **36.4780, -17.9837, 75.0028** is the 20% darker color. If you saturate the color by 10%, you get **62.9460, -31.0324, 107.0414**, and if you desaturate by 10%, it is **78.5960, -26.9158, 93.3163**.

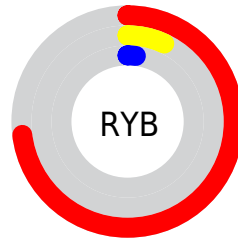
Distribution



Red (73%)

Green (7%)

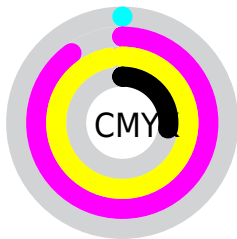
Blue (2%)



Red (73%)

Yellow (7%)

Blue (2%)

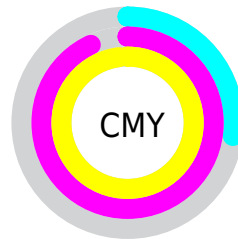


Cyan (0%)

Magenta (90%)

Yellow (97%)

Black (27%)



Cyan (27%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4510, -30.2953, 103.9675 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 66.4510, -30.2953, 103.9675 by changing the saturation by 10% instead.

■ 66.4510, -30.2953,
103.9675

■ 66.4510, -30.2953,
103.9675

■ 253.2900, -6.5520,
1.4997

■ 45.7470, -22.5533,
94.0609

■ 131.5020,
-37.7155, 103.9227

■ 36.4780, -17.9837,
75.0028

■ 152.7560,
-36.3617, 89.6680

■ 27.2090, -13.4140,
55.9447

■ 172.0420,
-33.5447, 72.7542

■ 19.1790, -7.9762,
38.4310

■ 191.4420,
-30.2909, 55.7404


■ 8.1870, -3.5432,
16.4990


■ 211.4290,
-27.3265, 38.2118


■ 0.0000, 0.0000,
0.0000


■ 232.2310,


-23.7779, 19.9684


 250.0980,
-18.7823, 4.2991


 66.4510, -30.2953,
103.9675


 66.4510, -30.2953,
103.9675


 62.9460, -31.0324,
107.0414

 78.5960, -26.9158,
93.3163

 90.6270, -23.9731,
82.7651

 102.7720,
-20.5936, 72.1140

 115.3900,
-17.9403, 61.0480

 127.5350,
-14.5608, 50.3968

■ 139.5660,
-11.6180, 39.8456

■ 151.7110, -8.2385,
29.1945

■ 163.7420, -5.2958,
18.6433

■ 175.8870, -1.9163,
7.9921

Harmonies

Analogous

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



68.2360, 2.8417, 115.5570



66.4510, -30.2953, 103.9675



86.2170, -42.5050, 53.3067

Triad

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



66.4510, -30.2953, 103.9675



72.5210, -14.0609, -63.6009



81.1870, 69.9138, -71.2010

Complementary

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



66.4510, -30.2953, 103.9675



123.5490, 30.2953, -103.9675

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.



90.3680, 61.9366, -79.2527



66.4510, -30.2953, 103.9675



81.5610, 15.4994, -71.5290

Square

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



66.4510, -30.2953, 103.9675



63.9830, -31.5436, -56.1131



88.6290, 42.5809, -77.7276



91.6070, 49.9867, 20.5157

Rectangle

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



66.4510, -30.2953, 103.9675



86.6170, -42.7022, 23.1379



88.6290, 42.5809, -77.7276



85.5240, 68.7617, -75.0045

Sweetspot

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



66.4510, -30.2953, 103.9675



193.8650, -11.7654, 40.4604



77.9720, 46.8488, 93.8636



92.3190, -7.0593, 24.2762



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



66.4510, -30.2953, 103.9675



81.7390, -40.2973, 138.7949



118.6940, -56.0511, 58.1504



85.6910, -1.3267, 5.5330



53.1010, -26.1788, 90.2424



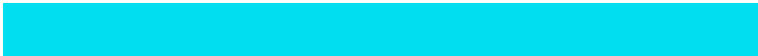
9.5460, -4.7062, 16.1842

Inverse Universe

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



123.5490, 30.2953, -103.9675



157.6740, 40.5867, -138.2801



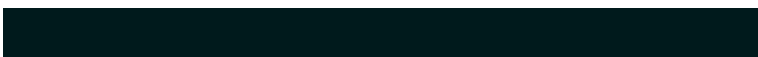
71.3060, 56.0511, -58.1504



88.7220, 1.6161, -5.0182



102.3120, 26.4682, -89.7276



18.4540, 4.7062, -16.1842

Previews

White Background



This preview shows how the YUV color 66.4510, -30.2953, 103.9675 looks on a white background.

Color Contrast Check

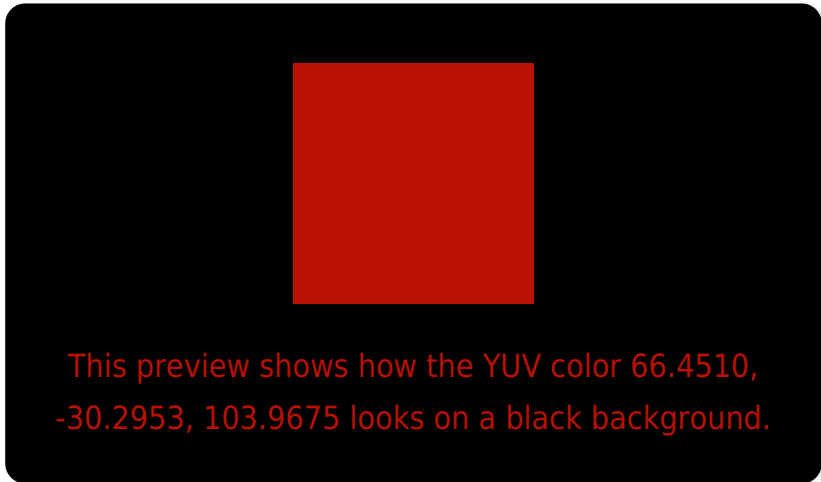
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.4510, -30.2953, 103.9675

Background



This preview shows how black text looks on a background with the YUV color 66.4510, -30.2953, 103.9675.



This preview shows how white text looks on a background with the YUV color 66.4510, -30.2953,

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

66.4510, -30.2953, 103.9675

Protanopia

89.6080, -32.3447, 14.3758

Deuteranopia

87.8240, -43.2972, 27.3414



Tritanopia

66.9070, -28.5482, 103.5676

Trichromacy



Original Color

66.4510, -30.2953, 103.9675

Protanomaly

81.0450, -31.5742, 47.3185

Deuteranomaly

79.9660, -38.4372, 55.2808

Tritanomaly

66.7930, -28.9849, 103.6675

Monochromacy



Original Color

66.4510, -30.2953, 103.9675

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3700, -11.0284, 37.3865

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4510, -30.2953, 103.9675 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(185, 18, 5)` looks like.

```
.text, #text, p{  
    color:rgb(185, 18, 5)  
}
```

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(185, 18, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 18, 5) }
```

Border

The CSS property to change the border of an element to YUV 66.4510, -30.2953, 103.9675 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(185, 18, 5) }
```


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

```
.border{ border-color:rgb(185, 18, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 18, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 18, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 18, 5);  
box-shadow:4px 4px 4px 4px rgb(185, 18, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4510, -30.2953, 103.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 18, 5) }
```

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

```
.background{ background-color: rgb(185, 18,  
5) }
```

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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