

Converting Colors

YUV(65.5010, -6.1630, 63.5816)

Have a look what the booklet for
YUV(65.5010, -6.1630, 63.5816)
contains.

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Color

**YUV(65.5010, -6.1630,
63.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	8A1F35
RGB	138, 31, 53
RGB Percent	54%, 12%, 21%
CMY	0.4588, 0.8784, 0.7922
CMYK	0.00, 0.78, 0.62, 0.46
HSL	348°, 63%, 33%
HSV	348°, 78%, 54%
XYZ	11.6138, 6.6403, 4.0377
YIQ	65.5010, 56.7100, 29.5260

Conversions

Conversions Part 2

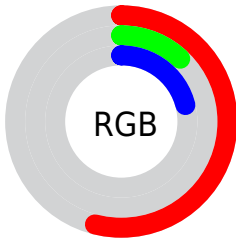
Format	Color
R_{YB}	138, 31, 53
Decimal	9051957
CIE _{Lab}	30.97, 45.64, 14.29
CIE _{LCh}	31, 47.826, 17.390
Yxy	6.6403, 0.5210, 0.2979
Android (android.graphics.Color)	4287242037 (0xFF8A1F35)
YUV	65.5010, -6.1630, 63.5816
Hunter-Lab	25.7688, 35.3535, 8.7479

Details

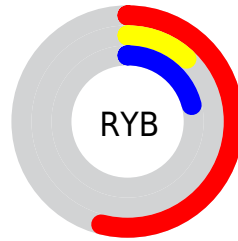
The YUV color **65.5010, -6.1630, 63.5816** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **103.4990, 6.1630, -63.5816**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7850, -10.2470, 66.8406**, and **25.5440, -8.1562, 49.5119** is the 20% darker color. If you saturate the color by 10%, you get **56.0290, -6.9163, 71.8886**, and if you desaturate by 10%, it is **74.9730, -5.4097, 55.2747**.

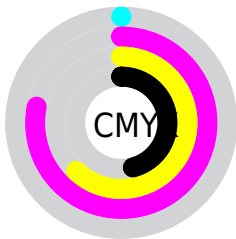
Distribution



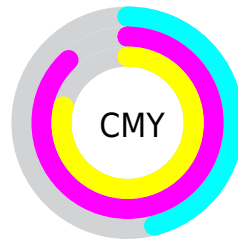
- Red (54%)
- Green (12%)
- Blue (21%)



- Red (54%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (78%)
- Yellow (62%)
- Black (46%)



- Cyan (46%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5010, -6.1630, 63.5816 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 65.5010, -6.1630, 63.5816 by changing the saturation by 10% instead.

65.5010, -6.1630,
63.5816

65.5010, -6.1630,
63.5816

255.0000, 0.0000,
0.0000

36.2390, -2.0898,
63.8114

119.7850,
-10.2470, 66.8406

25.5440, -8.1562,
49.5119

147.4540,
-11.5628, 68.8848

16.9720, -7.3812,
34.2276

174.9380,
-12.2944, 70.2144

4.7840, -2.3585,
9.8364

193.8650, -8.3144,
53.6154

0.0000, 0.0000,
0.0000

213.3790, -4.6238,
36.5016

233.5940, -0.7858,

18.7731

253.2390, 0.8682,
1.5444

■ 65.5010, -6.1630,
63.5816

■ 65.5010, -6.1630,
63.5816

■ 56.0290, -6.9163,
71.8886

■ 74.9730, -5.4097,
55.2747

■ 46.5570, -7.6696,
80.1955

■ 84.4450, -4.6564,
46.9677

■ 44.4540, -8.1118,
82.0398

■ 93.3300, -3.6137,
39.1756

■ 102.8020, -2.8604,
30.8686

■ 112.2740, -2.1071,
22.5617

■ 121.7460, -1.3538,
14.2548

■ 131.2180, -0.6005,
5.9478

■ 140.1030, 0.4422,
-1.8443

■ 149.5750, 1.1955,
-10.1513

Harmonies

Analogous

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



68.8000, 10.4516, 54.5494



65.5010, -6.1630, 63.5816



68.0870, -25.1859, 51.6667

Triad

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



65.5010, -6.1630, 63.5816



56.6880, -20.5522, -34.8064



64.7780, 40.0424, -56.8103

Complementary

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



65.5010, -6.1630, 63.5816



103.4990, 6.1630, -63.5816

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.



66.2480, 30.4437, -58.0995



65.5010, -6.1630, 63.5816



57.9260, -1.4425, -50.8011

Square

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



65.5010, -6.1630, 63.5816



66.4170, -32.7436, 2.2653



62.9590, 15.3032, -55.2150



65.6930, 39.0984, -33.9338

Rectangle

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



65.5010, -6.1630, 63.5816



68.4090, -33.7256, 37.3523



62.9590, 15.3032, -55.2150



65.4960, 37.7165, -57.4400

Sweetspot

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



65.5010, -6.1630, 63.5816



150.5840, -2.2599, 24.9208



68.3140, 34.3552, 40.9436



72.0450, -1.5012, 14.8695



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



65.5010, -6.1630, 63.5816



65.9230, -9.3290, 99.1685



80.6030, -24.4543, 50.3372



64.2070, -0.5951, 4.2035



42.8450, -7.8116, 79.0659



1.6090, -0.3002, 2.9739

Inverse Universe

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



65.5010, -6.1630, 63.5816



65.9230, -9.3290, 99.1685



88.3970, 24.4543, -50.3372



64.2070, -0.5951, 4.2035



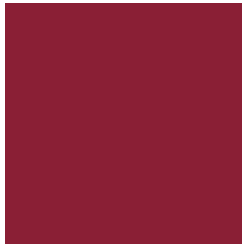
42.8450, -7.8116, 79.0659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 65.5010, -6.1630, 63.5816 looks on a white background.

Color Contrast Check

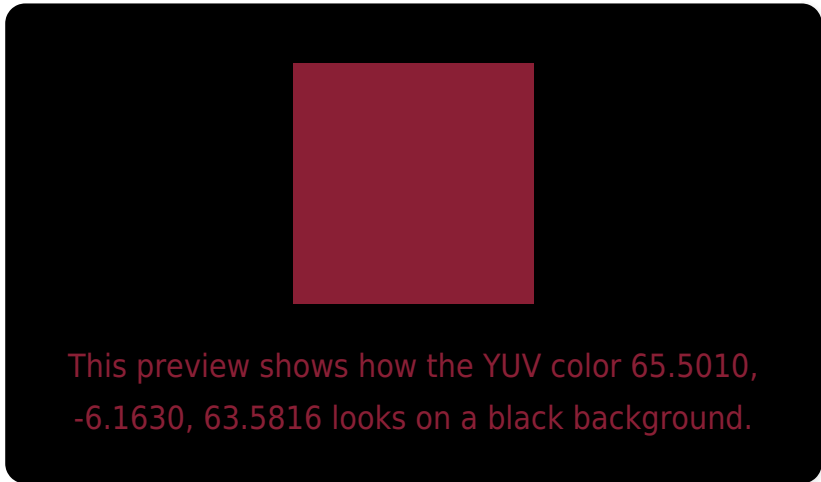
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

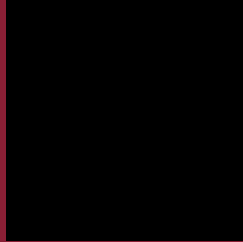
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5010, -6.1630, 63.5816

Background



This preview shows how black text looks on a background with the YUV color 65.5010, -6.1630, 63.5816.



This preview shows how white text looks on a background with the YUV color 65.5010, -6.1630,

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

65.5010, -6.1630, 63.5816

Protanopia

74.3700, -1.1684, 1.4295

Deuteranopia

74.0590, -12.8471, 13.9803



Tritanopia

65.6120, -14.5987, 62.6073

Trichromacy



Original Color

65.5010, -6.1630, 63.5816

Protanomaly

71.0570, -2.9861, 24.5060

Deuteranomaly

70.5650, -10.1385, 31.9535

Tritanomaly

65.7090, -11.6885, 62.5222

Monochromacy



Original Color

65.5010, -6.1630, 63.5816

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.5730, -2.2545, 23.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5010, -6.1630, 63.5816 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(138, 31, 53)` looks like.

```
.text, #text, p{  
    color:rgb(138, 31, 53)  
}
```

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(138, 31, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 31, 53) }
```

Border

The CSS property to change the border of an element to YUV 65.5010, -6.1630, 63.5816 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(138, 31, 53) }
```


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

```
.border{ border-color:rgb(138, 31, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 31, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 31, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 31, 53);  
box-shadow:4px 4px 4px 4px rgb(138, 31,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 65.5010, -6.1630, 63.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 31, 53) }
```

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

```
.background{ background-color: rgb(138, 31,  
53) }
```

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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