

Converting Colors

YUV(113.3490, -25.8081,
64.5919)

Have a look what the booklet for
YUV(113.3490, -25.8081, 64.5919)
contains.

YUV(113.3490, -25.8081, 64.5919)	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(113.3490, -25.8081,
64.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	BB563D
RGB	187, 86, 61
RGB Percent	73%, 34%, 24%
CMY	0.2667, 0.6627, 0.7608
CMYK	0.00, 0.54, 0.67, 0.27
HSL	12°, 51%, 49%
HSV	12°, 67%, 73%
XYZ	24.6636, 17.5573, 6.5039
YIQ	113.3490, 68.2210, 13.6370

Conversions

Conversions Part 2

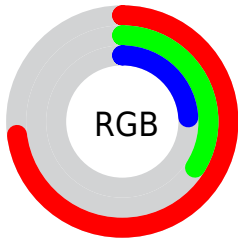
Format	Color
R _Y B	187, 92, 61
Decimal	12277309
CIE Lab	48.95, 38.94, 33.81
CIE LCh	49, 51.569, 40.967
Yxy	17.5573, 0.5062, 0.3603
Android (android.graphics.Color)	4290467389 (0xFFBB563D)
YUV	113.3490, -25.8081, 64.5919
Hunter-Lab	41.9014, 31.7394, 20.1281

Details

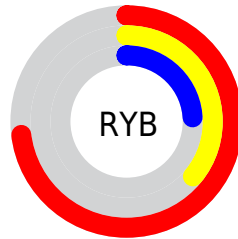
The YUV color **113.3490, -25.8081, 64.5919** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **134.6510, 25.8081, -64.5919**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5840, -28.8819, 70.5248**, and **60.7550, -21.5712, 58.9739** is the 20% darker color. If you saturate the color by 10%, you get **102.3780, -29.7664, 74.2135**, and if you desaturate by 10%, it is **124.3200, -21.8498, 54.9704**.

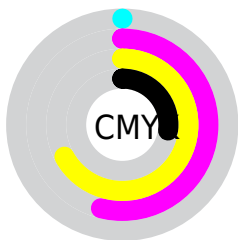
Distribution



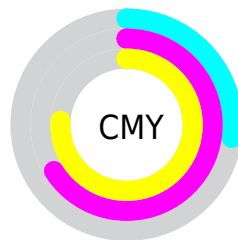
- Red (73%)
- Green (34%)
- Blue (24%)



- Red (73%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (54%)
- Yellow (67%)
- Black (27%)



- Cyan (27%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3490, -25.8081, 64.5919 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 113.3490, -25.8081, 64.5919 by changing the saturation by 10% instead.

■ 113.3490,
-25.8081, 64.5919

■ 113.3490,
-25.8081, 64.5919

■ 255.0000, 0.0000,
0.0000

■ 87.0820, -24.1974,
61.3181

■ 167.5840,
-28.8819, 70.5248

■ 60.7550, -21.5712,
58.9739

■ 188.4900,
-26.3706, 58.3293

■ 31.9490, -15.7509,
58.8037

■ 207.8900,
-23.1168, 41.3155

■ 21.2290, -10.4659,
43.6492

■ 227.4040,
-19.4262, 24.2017

■ 13.9820, -5.9071,
28.0798

■ 247.6190,
-15.5882, 6.4731

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,

0.9998

■ 113.3490,
-25.8081, 64.5919

■ 113.3490,
-25.8081, 64.5919

■ 102.3780,
-29.7664, 74.2135

■ 124.3200,
-21.8498, 54.9704

■ 91.5210, -33.2879,
83.7351

■ 135.1770,
-18.3283, 45.4488

■ 80.5500, -37.2461,
93.3567

■ 146.1480,
-14.3700, 35.8272

■ 77.6320, -38.2726,
95.9157

■ 157.1190,
-10.4117, 26.2056

■ 168.0900, -6.4534,
16.5841

■ 178.9470, -2.9319,
7.0625

■ 189.9180, 1.0264,
-2.5591

■ 200.8890, 4.9847,
-12.1807

■ 211.7460, 8.5062,
-21.7022

Harmonies

Analogous

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



113.3710, -5.6059, 71.5886



113.3490, -25.8081, 64.5919



112.3790, -41.5988, 42.6406

Triad

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



113.3490, -25.8081, 64.5919



89.0490, -1.5032, -78.0960



107.5650, 46.5565, -46.0995

Complementary

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



113.3490, -25.8081, 64.5919



134.6510, 25.8081, -64.5919

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.



98.4090, 49.5914, -86.3047



113.3490, -25.8081, 64.5919



95.4670, 18.0108, -83.7246

Square

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



113.3490, -25.8081, 64.5919



103.8650, -29.0204, -25.3146



98.9670, 36.4983, -86.7941



119.9490, 31.0841, 16.7077

Rectangle

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



113.3490, -25.8081, 64.5919



110.2920, -46.4860, 23.4229



98.9670, 36.4983, -86.7941



94.2830, 54.0905, -82.6862

Sweetspot

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



113.3490, -25.8081, 64.5919



213.6350, -9.6801, 24.8761



110.4160, 26.4169, 67.1642



105.1930, -6.0111, 14.7397



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



113.3490, -25.8081, 64.5919



127.4970, -40.1780, 100.4191



149.1560, -43.4609, 33.1892



88.8650, -1.9054, 4.5034



65.4390, -32.2614, 81.1760



12.7910, -6.3060, 15.9693

Inverse Universe

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



134.6510, 25.8081, -64.5919



160.5030, 40.1780, -100.4191



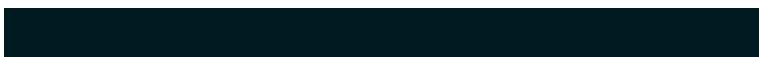
98.8440, 43.4609, -33.1892



90.1350, 1.9054, -4.5034



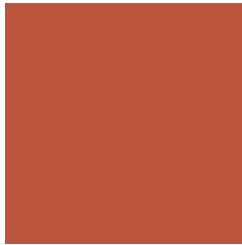
92.5610, 32.2614, -81.1760



18.2090, 6.3060, -15.9693

Previews

White Background



This preview shows how the YUV color 113.3490, -25.8081, 64.5919 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 113.3490, -25.8081, 64.5919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

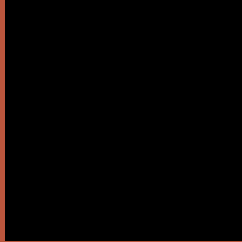
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.3490, -25.8081, 64.5919

Background



This preview shows how black text looks on a background with the YUV color 113.3490, -25.8081, 64.5919.



This preview shows how white text looks on a background with the YUV color 113.3490, -25.8081,

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

113.3490, -25.8081, 64.5919

Protanopia

115.1590, -21.2774, 11.2616

Deuteranopia

114.5970, -28.8883, 25.7864



Tritanopia

114.3780, -13.0044, 64.5665

Trichromacy



Original Color

113.3490, -25.8081, 64.5919

Protanomaly

114.5250, -22.9368, 30.2346

Deuteranomaly

114.3260, -27.7687, 40.0561

Tritanomaly

113.8250, -17.6617, 65.0515

Monochromacy



Original Color

113.3490, -25.8081, 64.5919

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0370, -9.3852, 23.6466

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3490, -25.8081, 64.5919 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(187, 86, 61)` looks like.

```
.text, #text, p{  
    color:rgb(187, 86, 61)  
}
```

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(187, 86, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 86, 61) }
```

Border

The CSS property to change the border of an element to YUV 113.3490, -25.8081, 64.5919 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(187, 86, 61) }
```


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

```
.border{ border-color:rgb(187, 86, 61) }
```

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

Here you see how a box with a 4 pixel rgb(187, 86, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 86, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 86, 61);  
box-shadow:4px 4px 4px 4px rgb(187, 86,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 113.3490, -25.8081, 64.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 86, 61) }
```

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

```
.background{ background-color: rgb(187, 86,  
61) }
```

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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