

Converting Colors

YUV(113.7770, -18.1311,
75.6176)

Have a look what the booklet for
YUV(113.7770, -18.1311, 75.6176)
contains.

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Color

**YUV(113.7770, -18.1311,
75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	C84D4D
RGB	200, 77, 77
RGB Percent	78%, 30%, 30%
CMY	0.2157, 0.6980, 0.6980
CMYK	0.00, 0.61, 0.61, 0.22
HSL	0°, 53%, 54%
HSV	0°, 62%, 78%
XYZ	27.8128, 18.1229, 9.0534
YIQ	113.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

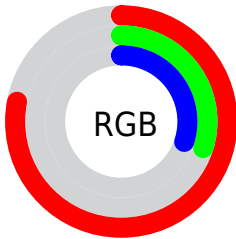
Format	Color
RYB	200, 77, 77
Decimal	13126989
CIELab	49.64, 49.00, 25.89
CIELCh	50, 55.416, 27.850
Yxy	18.1229, 0.5058, 0.3296
Android (android.graphics.Color)	4291317069 (0xFFC84D4D)
YUV	113.7770, -18.1311, 75.6176
Hunter-Lab	42.5710, 42.1197, 17.1908

Details

The YUV color **113.7770, -18.1311, 75.6176** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **163.2230, 18.1311, -75.6176**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5060, -20.4625, 76.7322**, and **55.6010, -11.1423, 74.0179** is the 20% darker color. If you saturate the color by 10%, you get **99.7570, -21.0792, 87.9131**, and if you desaturate by 10%, it is **127.7970, -15.1829, 63.3220**.

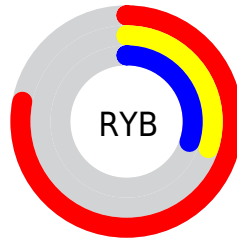
Distribution



Red (78%)

Green (30%)

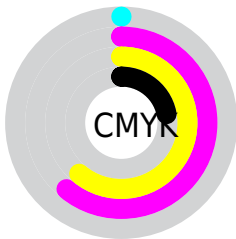
Blue (30%)



Red (78%)

Yellow (30%)

Blue (30%)

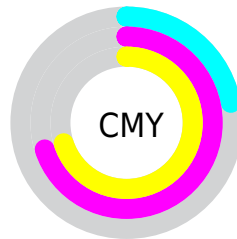


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (22%)



Cyan (22%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7770, -18.1311, 75.6176 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 113.7770, -18.1311, 75.6176 by changing the saturation by 10% instead.

■ 113.7770,
-18.1311, 75.6176

■ 113.7770,
-18.1311, 75.6176

255.0000, 0.0000,
0.0000

■ 86.3360, -15.9416,
73.3733

■ 167.5060,
-20.4625, 76.7322

■ 55.6010, -11.1423,
74.0179

■ 186.3190,
-16.9193, 60.2332

■ 34.4430, -11.5574,
67.1405

■ 205.8330,
-13.2287, 43.1195

■ 24.5180, -12.0874,
50.4117

■ 225.9340, -9.8275,
25.4909

■ 16.9720, -7.3812,
34.2276

■ 246.1490, -5.9895,
7.7623

■ 3.2890, -1.6215,
6.7625

■ 0.0000, 0.0000,

0.0000

■ 113.7770,
-18.1311, 75.6176

■ 113.7770,
-18.1311, 75.6176

■ 99.7570, -21.0792,
87.9131

■ 127.7970,
-15.1829, 63.3220

■ 85.7370, -24.0273,
100.2087

■ 141.8170,
-12.2348, 51.0265

■ 71.7170, -26.9755,
112.5042

■ 155.8370, -9.2866,
38.7310

■ 59.8000, -29.4814,
122.9554

■ 169.8570, -6.3385,
26.4354

■ 183.8770, -3.3904,
14.1399

■ 197.8970, -0.4422,
1.8443

■ 211.9170, 2.5059,
-10.4512

■ 225.9370, 5.4541,
-22.7467

■ 238.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



115.2000, 3.8454, 73.4926



113.7770, -18.1311, 75.6176



113.9770, -38.4427, 57.0252

Triad

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



113.7770, -18.1311, 75.6176



92.3250, -13.4712, -66.0600



97.5430, 56.4273, -85.5452

Complementary

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



113.7770, -18.1311, 75.6176



163.2230, 18.1311, -75.6176

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.



101.7030, 46.9814, -89.1935



113.7770, -18.1311, 75.6176



95.0620, 8.8434, -83.3694

Square

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



113.7770, -18.1311, 75.6176



106.9460, -41.8784, -7.8456



100.5340, 29.8097, -88.1683



119.0260, 40.9062, -7.0388

Rectangle

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



113.7770, -18.1311, 75.6176



112.1800, -49.8817, 39.3071



100.5340, 29.8097, -88.1683



99.6630, 54.3961, -87.4045

Sweetspot

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



113.7770, -18.1311, 75.6176



222.7540, -6.7807, 28.2797



127.7990, 35.5951, 63.3203



107.6710, -4.2748, 17.8285



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.



113.7770, -18.1311, 75.6176



122.5110, -27.8599, 116.1929



150.1710, -36.0733, 43.7000



92.6910, -1.3267, 5.5330



48.7370, -24.0273, 100.2087



10.7640, -5.3067, 22.1320

Inverse Universe

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



163.2230, 18.1311, -75.6176



198.4890, 27.8599, -116.1929



127.4160, 35.7839, -44.2148



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Previews

White Background



This preview shows how the YUV color 113.7770, -18.1311, 75.6176 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 113.7770, -18.1311, 75.6176 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 113.7770, -18.1311, 75.6176

Background



This preview shows how black text looks on a background with the YUV color 113.7770, -18.1311, 75.6176.



This preview shows how white text looks on a background with the YUV color 113.7770, -18.1311, 75.6176.

75.6176.

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

113.7770, -18.1311, 75.6176

Protanopia

117.6560, -11.6624, 7.3177

Deuteranopia

117.4810, -22.9151, 23.2572



Tritanopia

113.6460, -16.0945, 75.7325

Trichromacy



Original Color

113.7770, -18.1311, 75.6176

Protanomaly

116.2400, -13.9223, 32.2385

Deuteranomaly

116.0580, -21.2276, 42.0451

Tritanomaly

113.5320, -16.5313, 75.8324

Monochromacy



Original Color

113.7770, -18.1311, 75.6176

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1560, -6.4859, 27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7770, -18.1311, 75.6176 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(200, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(200, 77, 77)  
}
```

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(200, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 77, 77) }
```

Border

The CSS property to change the border of an element to YUV 113.7770, -18.1311, 75.6176 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(200, 77, 77) }
```


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

```
.border{ border-color:rgb(200, 77, 77) }
```

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

Here you see how a box with a 4 pixel rgb(200, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(200, 77,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 113.7770, -18.1311, 75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 77, 77) }
```

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

```
.background{ background-color: rgb(200, 77,  
77) }
```

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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