

Converting Colors

YUV(117.8420, -20.1351,
65.0366)

Have a look what the booklet for
YUV(117.8420, -20.1351, 65.0366)
contains.

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Color

**YUV(117.8420, -20.1351,
65.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	C0584D
RGB	192, 88, 77
RGB Percent	75%, 35%, 30%
CMY	0.2471, 0.6549, 0.6980
CMYK	0.00, 0.54, 0.60, 0.25
HSL	6°, 48%, 53%
HSV	6°, 60%, 75%
XYZ	26.5675, 18.7217, 9.2346
YIQ	117.8420, 65.5150, 18.6270

Conversions

Conversions Part 2

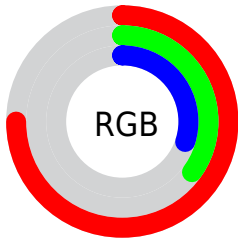
Format	Color
RYB	192, 89, 77
Decimal	12605517
CIELab	50.36, 40.88, 26.54
CIElCh	50, 48.745, 32.991
Yxy	18.7217, 0.4873, 0.3434
Android (android.graphics.Color)	4290795597 (0xFFC0584D)
YUV	117.8420, -20.1351, 65.0366
Hunter-Lab	43.2686, 33.8813, 17.6341

Details

The YUV color **117.8420, -20.1351, 65.0366** 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 **151.1580, 20.1351, -65.0366**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7780, -23.0616, 70.3547**, and **64.5470, -16.0457, 60.0333** is the 20% darker color. If you saturate the color by 10%, you get **105.6970, -23.5146, 75.6877**, and if you desaturate by 10%, it is **129.9870, -16.7556, 54.3854**.

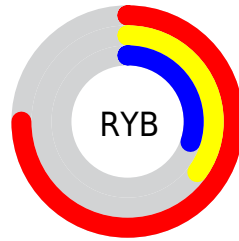
Distribution



Red (75%)

Green (35%)

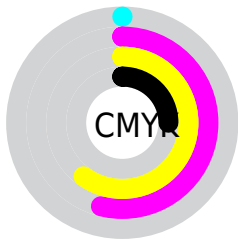
Blue (30%)



Red (75%)

Yellow (35%)

Blue (30%)

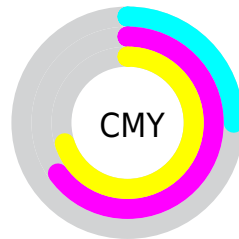


Cyan (0%)

Magenta (54%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8420, -20.1351, 65.0366 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 117.8420, -20.1351, 65.0366 by changing the saturation by 10% instead.

■ 117.8420,
-20.1351, 65.0366

■ 117.8420,
-20.1351, 65.0366

■ 255.0000, 0.0000,
0.0000

■ 90.9880, -18.2351,
62.2775

■ 172.7780,
-23.0616, 70.3547

■ 64.5470, -16.0457,
60.0333

■ 192.1890,
-19.8132, 55.0852

■ 34.6980, -11.6831,
60.7779

■ 211.7030,
-16.1226, 37.9715

■ 22.7240, -11.2029,
46.7231

■ 231.3310,
-11.9952, 20.7577

■ 15.4770, -6.6442,
31.1537

■ 251.5460, -8.1572,
3.0292

■ 0.0000, 0.0000,
0.0000

■ 117.8420,
-20.1351, 65.0366

■ 117.8420,
-20.1351, 65.0366

■ 105.6970,
-23.5146, 75.6877

■ 129.9870,
-16.7556, 54.3854

■ 92.9650, -26.6047,
86.8537

■ 142.7190,
-13.6655, 43.2194

■ 80.7060, -30.4211,
97.6048

■ 154.9780, -9.8492,
32.4683

■ 68.5610, -33.8006,
108.2560

■ 167.1230, -6.4696,
21.8171

■ 67.9740, -33.5112,
108.7708

■ 179.8550, -3.3795,
10.6512

■ 192.0000, 0.0000,
0.0000

■ 204.7320, 3.0901,
-11.1660

■ 216.9910, 6.9064,

-21.9171

■ 229.1360, 10.2860,
-32.5683

Harmonies

Analogous

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



118.8910, -0.9323, 65.8706



117.8420, -20.1351, 65.0366



117.1930, -36.0841, 47.1887

Triad

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



117.8420, -20.1351, 65.0366



97.6120, -8.6827, -61.9267



102.8180, 49.3897, -68.2464

Complementary

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



117.8420, -20.1351, 65.0366



151.1580, 20.1351, -65.0366

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.



100.6600, 45.5236, -88.2788



117.8420, -20.1351, 65.0366



96.2020, 13.2114, -84.3692

Square

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



117.8420, -20.1351, 65.0366



110.1440, -32.1160, -12.4043



100.2890, 31.4095, -87.9535



122.4420, 33.3061, 3.9974

Rectangle

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



117.8420, -20.1351, 65.0366



115.3020, -41.5609, 30.4301



100.2890, 31.4095, -87.9535



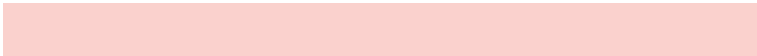
97.5770, 51.4805, -85.5750

Sweetspot

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



117.8420, -20.1351, 65.0366



220.8030, -7.7909, 25.6058



123.3550, 28.9120, 60.2017



107.1330, -4.9956, 15.6694



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



117.8420, -20.1351, 65.0366



133.7990, -31.4529, 101.9083



150.7140, -36.3410, 36.2078



90.5770, -1.7635, 5.6330



56.9440, -28.0734, 91.2571



11.6280, -5.7326, 18.7432

Inverse Universe

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



151.1580, 20.1351, -65.0366



186.2010, 31.4529, -101.9083



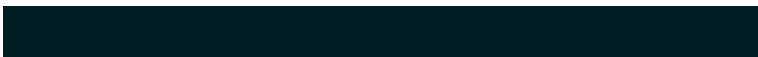
118.2860, 36.3410, -36.2078



93.4230, 1.7635, -5.6330



103.4690, 28.3628, -90.7423



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 117.8420, -20.1351, 65.0366 looks on a white 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

Black Background



This preview shows how the YUV color 117.8420, -20.1351, 65.0366 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 117.8420, -20.1351, 65.0366

Background



This preview shows how black text looks on a background with the YUV color 117.8420, -20.1351, 65.0366.



This preview shows how white text looks on a background with the YUV color 117.8420, -20.1351,

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

117.8420, -20.1351, 65.0366

Protanopia

119.2710, -14.4306, 8.5323

Deuteranopia

119.3670, -23.3519, 23.3571



Tritanopia

118.6770, -13.1518, 65.1813

Trichromacy



Original Color

117.8420, -20.1351, 65.0366

Protanomaly

118.5340, -16.5323, 29.3497

Deuteranomaly

118.8080, -22.0903, 38.7564

Tritanomaly

118.6940, -15.6251, 65.1664

Monochromacy



Original Color

117.8420, -20.1351, 65.0366

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9060, -7.3487, 23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8420, -20.1351, 65.0366 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(192, 88, 77)` looks like.

```
.text, #text, p{  
    color:rgb(192, 88, 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(192, 88, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 88, 77) }
```

Border

The CSS property to change the border of an element to YUV 117.8420, -20.1351, 65.0366 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(192, 88, 77) }
```


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

```
.border{ border-color:rgb(192, 88, 77) }
```

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

Here you see how a box with a 4 pixel rgb(192, 88, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 88, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 88, 77);  
box-shadow:4px 4px 4px 4px rgb(192, 88,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 117.8420, -20.1351, 65.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 88, 77) }
```

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

```
.background{ background-color: rgb(192, 88,  
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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