

Converting Colors

YUV(116.7840, -25.5295,
68.5954)

Have a look what the booklet for
YUV(116.7840, -25.5295, 68.5954)
contains.

YUV(116.7840, -25.5295, 68.5954)	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(116.7840, -25.5295,
68.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	C35741
RGB	195, 87, 65
RGB Percent	76%, 34%, 25%
CMY	0.2353, 0.6588, 0.7451
CMYK	0.00, 0.55, 0.67, 0.24
HSL	10°, 52%, 51%
HSV	10°, 67%, 76%
XYZ	26.8680, 18.8001, 7.2137
YIQ	116.7840, 71.4300, 16.0540

Conversions

Conversions Part 2

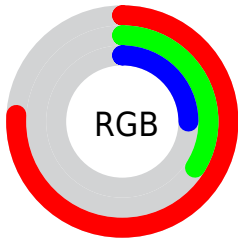
Format	Color
RYB	195, 91, 65
Decimal	12801857
CIELab	50.45, 41.71, 33.65
CIELCh	50, 53.592, 38.889
Yxy	18.8001, 0.5081, 0.3555
Android (android.graphics.Color)	4290991937 (0xFFC35741)
YUV	116.7840, -25.5295, 68.5954
Hunter-Lab	43.3591, 34.7312, 20.4872

Details

The YUV color **116.7840, -25.5295, 68.5954** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **143.2160, 25.5295, -68.5954**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4210, -28.3086, 73.2988**, and **63.3040, -20.8559, 62.8774** is the 20% darker color. If you saturate the color by 10%, you get **105.2260, -29.1984, 78.7318**, and if you desaturate by 10%, it is **128.4560, -21.4238, 58.3591**.

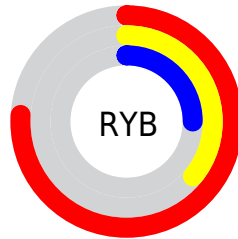
Distribution



Red (76%)

Green (34%)

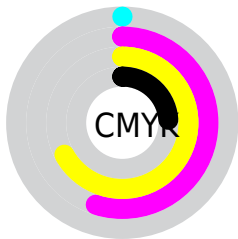
Blue (25%)



Red (76%)

Yellow (36%)

Blue (25%)

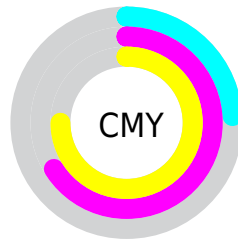


Cyan (0%)

Magenta (55%)

Yellow (67%)

Black (24%)



Cyan (24%)

Magenta (66%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7840, -25.5295, 68.5954 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 116.7840, -25.5295, 68.5954 by changing the saturation by 10% instead.

■ 116.7840,
-25.5295, 68.5954

■ 116.7840,
-25.5295, 68.5954

■ 255.0000, 0.0000,
0.0000

■ 89.9300, -23.6295,
65.8364

■ 171.4210,
-28.3086, 73.2988

■ 63.3040, -20.8559,
62.8774

■ 190.1200,
-25.2022, 56.8998

■ 32.2810, -15.9145,
64.6516

■ 209.6340,
-21.5116, 39.7860

■ 23.0230, -11.3503,
47.3378

■ 229.1480,
-17.8210, 22.6722

■ 15.7760, -6.7916,
31.7684

■ 249.3630,
-13.9830, 4.9436

■ 0.2990, -0.1474,
0.6148

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 116.7840,
-25.5295, 68.5954

■ 116.7840,
-25.5295, 68.5954

■ 105.2260,
-29.1984, 78.7318

■ 128.4560,
-21.4238, 58.3591

■ 93.5540, -33.3041,
88.9681

■ 140.0140,
-17.7549, 48.2227

■ 81.4090, -36.6836,
99.6193

■ 152.2730,
-13.9386, 37.4716

■ 77.6760, -38.2943,
102.8931

■ 163.8310,
-10.2697, 27.3352

■ 175.5030, -6.1640,
17.0989

■ 187.0610, -2.4951,
6.9625

■ 198.7330, 1.6106,
-3.2738

■ 210.8780, 4.9901,
-13.9250

■ 222.5500, 9.0959,
-24.1613

Harmonies

Analogous

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



117.3220, -4.5957, 74.2626



116.7840, -25.5295, 68.5954



116.0590, -42.9201, 46.4293

Triad

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



116.7840, -25.5295, 68.5954



91.2830, -3.0975, -80.0552



107.6390, 50.9570, -57.5654

Complementary

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



116.7840, -25.5295, 68.5954



143.2160, 25.5295, -68.5954

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.



102.0280, 50.7652, -89.4786



116.7840, -25.5295, 68.5954



98.5160, 17.0006, -86.3985

Square

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



116.7840, -25.5295, 68.5954



107.1920, -31.6467, -22.9704



102.2440, 36.3617, -89.6680



123.3230, 33.8578, 13.7487

Rectangle

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



116.7840, -25.5295, 68.5954



113.3310, -48.9702, 26.8967



102.2440, 36.3617, -89.6680



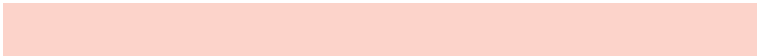
98.1300, 56.1379, -86.0600

Sweetspot

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



116.7840, -25.5295, 68.5954



222.2330, -9.9749, 26.1057



116.1820, 28.0113, 69.1234



109.2040, -6.0166, 16.4841



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.



116.7840, -25.5295, 68.5954



130.9430, -39.9049, 106.1670



154.9390, -44.3399, 35.1335



91.1640, -2.0529, 5.1182



63.9880, -31.5461, 85.0795



13.3890, -6.6008, 17.1988

Inverse Universe

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



143.2160, 25.5295, -68.5954



171.6440, 39.6155, -106.6818



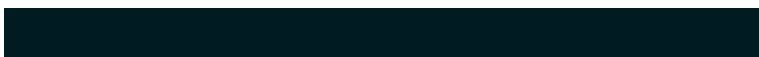
105.0610, 44.3399, -35.1335



92.8360, 2.0529, -5.1182



96.4250, 31.8355, -84.5647



20.1980, 6.3114, -17.7136

Previews

White Background



This preview shows how the YUV color 116.7840, -25.5295, 68.5954 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 116.7840, -25.5295, 68.5954 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 116.7840, -25.5295, 68.5954 Background



This preview shows how black text looks on a background with the YUV color 116.7840, -25.5295, 68.5954.



This preview shows how white text looks on a background with the YUV color 116.7840, -25.5295,

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

116.7840, -25.5295, 68.5954

Protanopia

118.9740, -20.6932, 10.5468

Deuteranopia

118.7820, -29.4725, 26.5012



Tritanopia

118.0580, -14.3256, 68.3551

Trichromacy



Original Color

116.7840, -25.5295, 68.5954

Protanomaly

118.3510, -22.3580, 31.2642

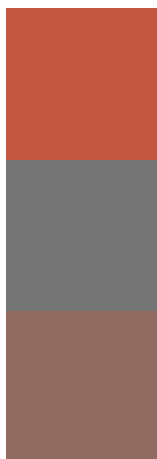
Deuteranomaly

118.2230, -28.2109, 41.9004

Tritanomaly

117.6190, -18.5462, 68.7401

Monochromacy



Original Color

116.7840, -25.5295, 68.5954

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7490, -9.2433, 24.7761

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7840, -25.5295, 68.5954 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(195, 87, 65)` looks like.

```
.text, #text, p{  
    color:rgb(195, 87, 65)  
}
```

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(195, 87, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 87, 65) }
```

Border

The CSS property to change the border of an element to YUV 116.7840, -25.5295, 68.5954 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(195, 87, 65) }
```


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

```
.border{ border-color:rgb(195, 87, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 87, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 87, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 87, 65);  
box-shadow:4px 4px 4px 4px rgb(195, 87,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 116.7840, -25.5295, 68.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 87, 65) }
```

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

```
.background{ background-color: rgb(195, 87,  
65) }
```

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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