

Converting Colors

YUV(113.5910, -12.6164,
80.1657)

Have a look what the booklet for
YUV(113.5910, -12.6164, 80.1657)
contains.

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Color

**YUV(113.5910, -12.6164,
80.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	CD4858
RGB	205, 72, 88
RGB Percent	80%, 28%, 35%
CMY	0.1961, 0.7176, 0.6549
CMYK	0.00, 0.65, 0.57, 0.20
HSL	353°, 57%, 54%
HSV	353°, 65%, 80%
XYZ	29.2557, 18.3184, 11.2264
YIQ	113.5910, 74.1320, 33.1720

Conversions

Conversions Part 2

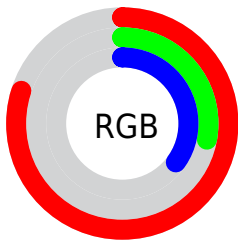
Format	Color
R_{YB}	205, 72, 88
Decimal	13453400
CIE Lab	49.88, 53.63, 19.80
CIE LCh	50, 57.167, 20.268
Yxy	18.3184, 0.4975, 0.3115
Android (android.graphics.Color)	4291643480 (0xFFCD4858)
YUV	113.5910, -12.6164, 80.1657
Hunter-Lab	42.8001, 47.1122, 14.4084

Details

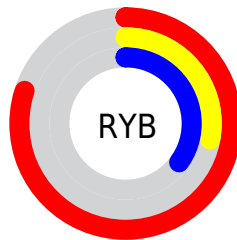
The YUV color **113.5910, -12.6164, 80.1657** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **163.4090, 12.6164, -80.1657**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5260, -14.0633, 77.5917**, and **48.8440, -2.8811, 84.3288** is the 20% darker color. If you saturate the color by 10%, you get **99.7990, -14.6909, 92.2613**, and if you desaturate by 10%, it is **127.9700, -10.8312, 67.5553**.

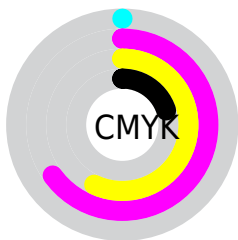
Distribution



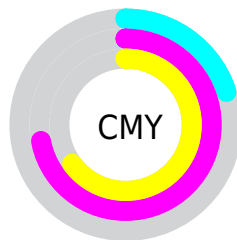
- Red (80%)
- Green (28%)
- Blue (35%)



- Red (80%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5910, -12.6164, 80.1657 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 113.5910, -12.6164, 80.1657 by changing the saturation by 10% instead.

■ 113.5910,
-12.6164, 80.1657

■ 113.5910,
-12.6164, 80.1657

■ 255.0000, 0.0000,
0.0000

■ 84.9760, -9.8482,
78.9510

■ 166.5260,
-14.0633, 77.5917

■ 48.8440, -2.8811,
84.3288

■ 185.9260,
-10.8095, 60.5779

■ 37.0070, -6.9055,
68.3999

■ 205.4400, -7.1189,
43.4641

■ 25.7140, -12.6770,
52.8708

■ 225.6550, -3.2809,
25.7356

■ 18.2820, -7.5340,
36.5867

■ 245.8700, 0.5571,
8.0070

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,

0.0000

■ 113.5910,
-12.6164, 80.1657

■ 113.5910,
-12.6164, 80.1657

■ 99.7990, -14.6909,
92.2613

■ 127.9700,
-10.8312, 67.5553

■ 85.4200, -16.4761,
104.8717

■ 141.7620, -8.7567,
55.4597

■ 71.6280, -18.5506,
116.9672

■ 156.1410, -6.9715,
42.8493

■ 64.1450, -19.2985,
123.5298

■ 169.9330, -4.8970,
30.7538

■ 184.3120, -3.1118,
18.1434

■ 198.1040, -1.0373,
6.0478

■ 212.4830, 0.7479,
-6.5626

■ 226.2750, 2.8224,
-18.6582

■ 239.4800, 5.1864,
-30.2390

Harmonies

Analogous

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



116.4970, 10.1080, 71.4781



113.5910, -12.6164, 80.1657



114.3570, -34.6860, 65.4619

Triad

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



113.5910, -12.6164, 80.1657



99.8130, -23.5718, -46.3170



100.2330, 56.5801, -87.9043

Complementary

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



113.5910, -12.6164, 80.1657



163.4090, 12.6164, -80.1657

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.



103.0080, 44.3661, -90.3380



113.5910, -12.6164, 80.1657



93.6940, 3.6019, -82.1696

Square

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



113.5910, -12.6164, 80.1657



107.7210, -50.6415, 2.8757



99.9810, 25.1524, -87.6833



115.0990, 46.7862, -26.3968

Rectangle

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



113.5910, -12.6164, 80.1657



113.1040, -47.8723, 48.1438



99.9810, 25.1524, -87.6833



102.0110, 53.2386, -89.4636

Sweetspot

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



113.5910, -12.6164, 80.1657



221.9220, -4.8915, 29.0094



121.5470, 41.1423, 57.4023



107.4260, -2.6750, 18.0434



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.



113.5910, -12.6164, 80.1657



118.2370, -18.8508, 119.9412



140.5300, -33.7853, 56.5402



95.1040, -1.0373, 6.0478



51.9140, -15.7336, 100.0534



11.9320, -3.4175, 22.8616

Inverse Universe

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



113.5910, -12.6164, 80.1657



118.2370, -18.8508, 119.9412



136.4700, 33.7853, -56.5402



95.1040, -1.0373, 6.0478



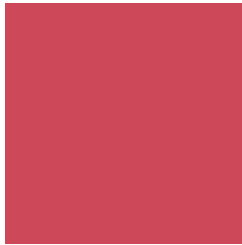
51.9140, -15.7336, 100.0534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 113.5910, -12.6164, 80.1657 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 113.5910, -12.6164, 80.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

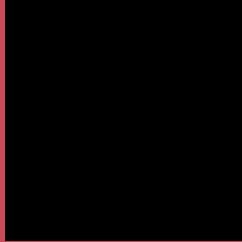
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.5910, -12.6164, 80.1657

Background



This preview shows how black text looks on a background with the YUV color 113.5910, -12.6164, 80.1657.

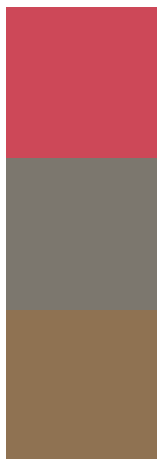


This preview shows how white text looks on a background with the YUV color 113.5910, -12.6164, 80.1657.

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

113.5910, -12.6164, 80.1657

Protanopia

119.4690, -4.6682, 3.9737

Deuteranopia

119.0230, -18.2523, 21.0278



Tritanopia

113.3260, -17.4157, 79.5211

Trichromacy



Original Color

113.5910, -12.6164, 80.1657

Protanomaly

117.2490, -7.5178, 31.3536

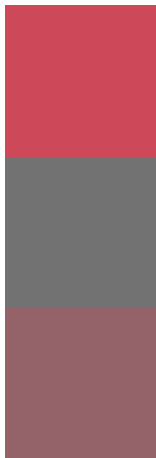
Deuteranomaly

117.3230, -16.4282, 42.6897

Tritanomaly

113.1950, -15.3791, 79.6360

Monochromacy



Original Color

113.5910, -12.6164, 80.1657

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0360, -4.4547, 28.9094

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5910, -12.6164, 80.1657 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(205, 72, 88)` looks like.

```
.text, #text, p{  
    color:rgb(205, 72, 88)  
}
```

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(205, 72, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 72, 88) }
```

Border

The CSS property to change the border of an element to YUV 113.5910, -12.6164, 80.1657 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(205, 72, 88) }
```


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

```
.border{ border-color:rgb(205, 72, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 72, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 72, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 72, 88);  
box-shadow:4px 4px 4px 4px rgb(205, 72,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 113.5910, -12.6164, 80.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 72, 88) }
```

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

```
.background{ background-color: rgb(205, 72,  
88) }
```

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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