

Converting Colors

YUV(113.1610, -10.4324,
79.6658)

Have a look what the booklet for
YUV(113.1610, -10.4324, 79.6658)
contains.

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Color

**YUV(113.1610, -10.4324,
79.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	CC475C
RGB	204, 71, 92
RGB Percent	80%, 28%, 36%
CMY	0.2000, 0.7216, 0.6392
CMYK	0.00, 0.65, 0.55, 0.20
HSL	351°, 57%, 54%
HSV	351°, 65%, 80%
XYZ	29.0868, 18.1166, 12.0890
YIQ	113.1610, 72.5270, 34.7270

Conversions

Conversions Part 2

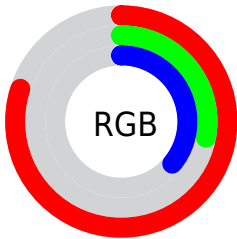
Format	Color
RYB	204, 71, 92
Decimal	13387612
CIELab	49.64, 54.02, 17.04
CIELCh	50, 56.648, 17.508
Yxy	18.1166, 0.4906, 0.3055
Android (android.graphics.Color)	4291577692 (0xFFCC475C)
YUV	113.1610, -10.4324, 79.6658
Hunter-Lab	42.5635, 47.4962, 12.9548

Details

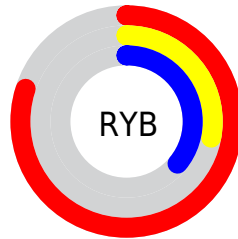
The YUV color **113.1610, -10.4324, 79.6658** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **161.8390, 10.4324, -79.6658**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3950, -12.0267, 77.7066**, and **48.4140, -0.6971, 83.8289** is the 20% darker color. If you saturate the color by 10%, you get **99.4830, -12.0701, 91.6614**, and if you desaturate by 10%, it is **126.8390, -8.7946, 67.6702**.

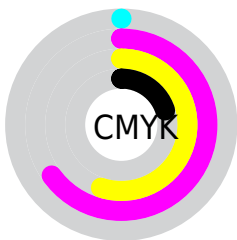
Distribution



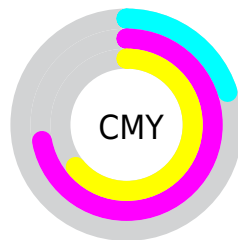
- Red (80%)
- Green (28%)
- Blue (36%)



- Red (80%)
- Yellow (28%)
- Blue (36%)



- Cyan (0%)
- Magenta (65%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (72%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1610, -10.4324, 79.6658 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 113.1610, -10.4324, 79.6658 by changing the saturation by 10% instead.

■ 113.1610,
-10.4324, 79.6658

■ 113.1610,
-10.4324, 79.6658

■ 255.0000, 0.0000,
0.0000

■ 84.5460, -7.6642,
78.4512

■ 166.3950,
-12.0267, 77.7066

■ 48.4140, -0.6971,
83.8289

■ 185.7950, -8.7729,
60.6928

■ 37.3490, -5.5951,
68.0999

■ 205.4230, -4.6455,
43.4790

■ 25.7140, -12.6770,
52.8708

■ 225.5240, -1.2443,
25.8505

■ 17.8690, -7.8234,
36.0719

■ 245.8530, 3.0305,
8.0219

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,

0.0000

■ 113.1610,
-10.4324, 79.6658

■ 113.1610,
-10.4324, 79.6658

■ 99.4830, -12.0701,
91.6614

■ 126.8390, -8.7946,
67.6702

■ 85.2180, -13.4185,
104.1718

■ 141.1040, -7.4463,
55.1598

■ 71.4260, -15.4930,
116.2674

■ 154.8960, -5.3717,
43.0642

■ 64.6440, -16.0935,
122.2152

■ 169.1610, -4.0234,
30.5538

■ 182.8390, -2.3856,
18.5582

■ 196.5170, -0.7479,
6.5626

■ 210.7820, 0.6005,
-5.9478

■ 224.4600, 2.2382,
-17.9434

■ 238.8390, 4.0234,
-30.5538

Harmonies

Analogous

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



116.8170, 11.4292, 67.6895



113.1610, -10.4324, 79.6658



113.9380, -32.5074, 66.7064

Triad

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



113.1610, -10.4324, 79.6658



100.5750, -25.9195, -39.9693



99.8910, 55.2697, -87.6044

Complementary

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



113.1610, -10.4324, 79.6658



161.8390, 10.4324, -79.6658

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.



102.4380, 42.1821, -89.8381



113.1610, -10.4324, 79.6658



92.5370, 1.7073, -81.1549

Square

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



113.1610, -10.4324, 79.6658



107.5150, -51.5259, 6.5643



98.8240, 23.2578, -86.6686



112.9840, 47.8289, -34.1890

Rectangle

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



113.1610, -10.4324, 79.6658



113.0980, -45.4043, 49.9031



98.8240, 23.2578, -86.6686



101.6690, 51.9282, -89.1637

Sweetspot

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



113.1610, -10.4324, 79.6658



220.1610, -4.0234, 30.5538



119.3510, 41.7320, 54.9432



106.8390, -2.3856, 18.5582



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.



113.1610, -10.4324, 79.6658



119.1490, -15.3565, 119.1413



136.5950, -32.3383, 59.1142



95.1040, -1.0373, 6.0478



52.5980, -13.1128, 99.4536



12.0460, -2.9807, 22.7617

Inverse Universe

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



113.1610, -10.4324, 79.6658



119.1490, -15.3565, 119.1413



138.4050, 32.3383, -59.1142



95.1040, -1.0373, 6.0478



52.5980, -13.1128, 99.4536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 113.1610, -10.4324, 79.6658 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 113.1610, -10.4324, 79.6658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

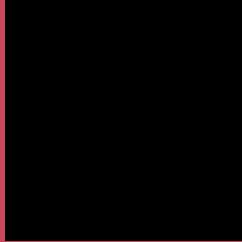
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.1610, -10.4324, 79.6658

Background



This preview shows how black text looks on a background with the YUV color 113.1610, -10.4324, 79.6658.

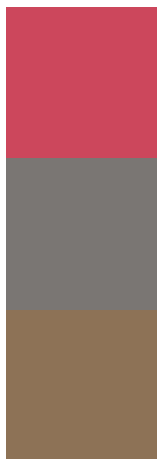


This preview shows how white text looks on a background with the YUV color 113.1610, -10.4324,

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

113.1610, -10.4324, 79.6658

Protanopia

118.8540, -1.9000, 2.7590

Deuteranopia

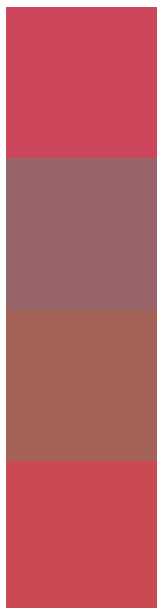
118.8810, -16.2103, 19.3984



Tritanopia

113.0270, -17.2683, 78.9063

Trichromacy



Original Color

113.1610, -10.4324, 79.6658

Protanomaly

116.9330, -4.8970, 30.7538

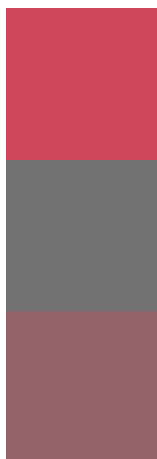
Deuteranomaly

116.5940, -14.0968, 41.5751

Tritanomaly

113.0100, -14.7949, 78.9212

Monochromacy



Original Color

113.1610, -10.4324, 79.6658

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1500, -4.0179, 28.8095

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1610, -10.4324, 79.6658 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(204, 71, 92)` looks like.

```
.text, #text, p{  
  color:rgb(204, 71, 92)  
}
```

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(204, 71, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 71, 92) }
```

Border

The CSS property to change the border of an element to YUV 113.1610, -10.4324, 79.6658 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(204, 71, 92) }
```


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

```
.border{ border-color:rgb(204, 71, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 71, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 71, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 71, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 71,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 113.1610, -10.4324, 79.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 71, 92) }
```

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

```
.background{ background-color: rgb(204, 71,  
92) }
```

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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