

Converting Colors

YUV(75.8280, 1.5638, 105.3908)

Have a look what the booklet for
YUV(75.8280, 1.5638, 105.3908)
contains.

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Color

**YUV(75.8280, 1.5638,
105.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	C40E4F
RGB	196, 14, 79
RGB Percent	77%, 5%, 31%
CMY	0.2314, 0.9451, 0.6902
CMYK	0.00, 0.93, 0.60, 0.23
HSL	339°, 87%, 41%
HSV	339°, 93%, 77%
XYZ	24.3333, 12.6144, 8.5494
YIQ	75.8280, 87.6070, 58.7990

Conversions

Conversions Part 2

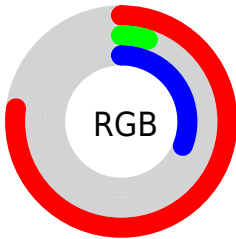
Format	Color
R_{YB}	196, 14, 79
Decimal	12848719
CIE Lab	42.18, 66.73, 14.66
CIE LCh	42, 68.317, 12.393
Yxy	12.6144, 0.5348, 0.2773
Android (android.graphics.Color)	4291038799 (0xFFC40E4F)
YUV	75.8280, 1.5638, 105.3908
Hunter-Lab	35.5167, 60.1401, 10.5896

Details

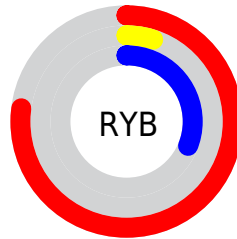
The YUV color **75.8280, 1.5638, 105.3908** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **134.1720, -1.5638, -105.3908**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0800, -7.4344, 98.1538**, and **44.4690, -4.1752, 79.3957** is the 20% darker color. If you saturate the color by 10%, you get **66.5840, 1.6841, 113.4978**, and if you desaturate by 10%, it is **89.0500, 1.4544, 93.7952**.

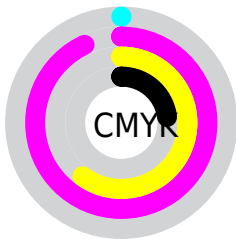
Distribution



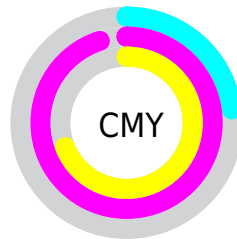
- Red (77%)
- Green (5%)
- Blue (31%)



- Red (77%)
- Yellow (5%)
- Blue (31%)



- Cyan (0%)
- Magenta (93%)
- Yellow (60%)
- Black (23%)




- Cyan (23%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.8280, 1.5638, 105.3908 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 75.8280, 1.5638, 105.3908 by changing the saturation by 10% instead.


 75.8280, 1.5638,
105.3908


 75.8280, 1.5638,
105.3908


255.0000, 0.0000,
0.0000

 55.7190, 0.1385,
95.8394


 143.0800, -7.4344,
98.1538


 44.4690, -4.1752,
79.3957


 163.0670, -4.4700,
80.6252

 32.9910, -9.3626,
63.1519

 183.0540, -1.5056,
63.0966

 23.0660, -9.8925,
46.4231

 203.2690, 2.3324,
45.3681

 13.5690, -6.1965,
27.5650

 223.4840, 6.1704,
27.6395

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

■ 75.8280, 1.5638,
105.3908

■ 75.8280, 1.5638,
105.3908

■ 66.5840, 1.6841,
113.4978

■ 89.0500, 1.4544,
93.7952

■ 101.5710, 1.1975,
82.8142

■ 114.7930, 1.0881,
71.2185

■ 127.3140, 0.8312,
60.2376

■ 140.5360, 0.7218,
48.6419

■ 153.7580, 0.6123,
37.0462

■ 166.2790, 0.3555,
26.0653

■ 179.5010, 0.2460,
14.4696

■ 192.0220, -0.0108,
3.4887

Harmonies

Analogous

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



88.2930, 23.0266, 81.3040



75.8280, 1.5638, 105.3908



88.1510, -32.1194, 82.3056

Triad

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



75.8280, 1.5638, 105.3908



75.2680, -37.1071, -44.9620



91.2170, 57.5740, -79.9973

Complementary

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



75.8280, 1.5638, 105.3908



134.1720, -1.5638, -105.3908

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.



91.5640, 41.1339, -80.3016



75.8280, 1.5638, 105.3908



78.2090, -7.4980, -68.5893

Square

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



75.8280, 1.5638, 105.3908



90.9480, -44.8374, 7.9386



86.1090, 17.6943, -75.5176



82.1670, 63.5147, -72.0605

Rectangle

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



75.8280, 1.5638, 105.3908



92.1640, -45.4369, 60.3692



86.1090, 17.6943, -75.5176



92.0660, 53.2115, -80.7419

Sweetspot

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



75.8280, 1.5638, 105.3908



208.0790, 0.4541, 41.1497



69.1330, 62.5454, 52.5034



98.9800, 0.5029, 25.4505



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.



75.8280, 1.5638, 105.3908



86.6190, 2.1598, 147.6701



82.5060, -33.7735, 99.5342



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879

Inverse Universe

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



75.8280, 1.5638, 105.3908



86.6190, 2.1598, 147.6701



127.4940, 33.7735, -99.5342



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 75.8280, 1.5638, 105.3908 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 75.8280, 1.5638, 105.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

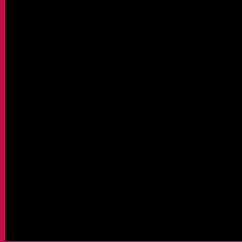
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8280, 1.5638, 105.3908

Background



This preview shows how black text looks on a background with the YUV color 75.8280, 1.5638, 105.3908.



This preview shows how white text looks on a background with the YUV color 75.8280, 1.5638,

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

75.8280, 1.5638, 105.3908

Protanopia

101.2970, 6.2626, -2.0145

Deuteranopia

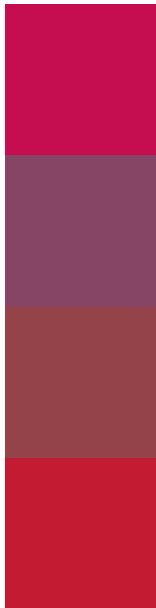
101.2120, -14.8945, 17.3541



Tritanopia

81.6120, -24.4587, 98.5643

Trichromacy



Original Color

75.8280, 1.5638, 105.3908

Protanomaly

92.0830, 4.3961, 36.7612

Deuteranomaly

92.0170, -8.8824, 49.0971

Tritanomaly

79.7400, -15.1548, 101.0830

Monochromacy



Original Color

75.8280, 1.5638, 105.3908

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7690, 0.6069, 38.7906

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8280, 1.5638, 105.3908 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(196, 14, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 14, 79)  
}
```

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(196, 14, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 14, 79) }
```

Border

The CSS property to change the border of an element to YUV 75.8280, 1.5638, 105.3908 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(196, 14, 79) }
```


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

```
.border{ border-color:rgb(196, 14, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 14, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 14, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 14, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 14,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 75.8280, 1.5638, 105.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 14, 79) }
```

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

```
.background{ background-color: rgb(196, 14,  
79) }
```

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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