

Converting Colors

YUV(75.2190, 5.3150, 115.5719)

Have a look what the booklet for
YUV(75.2190, 5.3150, 115.5719)
contains.

YUV(75.2190, 5.3150, 115.5719)	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(75.2190, 5.3150,
115.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0656
RGB	207, 6, 86
RGB Percent	81%, 2%, 34%
CMY	0.1882, 0.9765, 0.6627
CMYK	0.00, 0.97, 0.58, 0.19
HSL	336°, 94%, 42%
HSV	336°, 97%, 81%
XYZ	27.4770, 14.0675, 10.0712
YIQ	75.2190, 94.1160, 67.4920

Conversions

Conversions Part 2

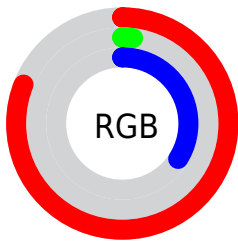
Format	Color
R_{YB}	207, 6, 86
Decimal	13567574
CIE _{Lab}	44.33, 70.57, 13.57
CIE _{LCh}	44, 71.859, 10.883
Yxy	14.0675, 0.5323, 0.2725
Android (android.graphics.Color)	4291757654 (0xFFCF0656)
YUV	75.2190, 5.3150, 115.5719
Hunter-Lab	37.5067, 65.1302, 10.3343

Details

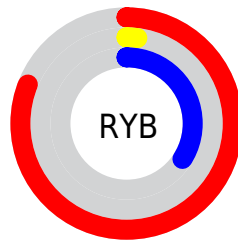
The YUV color **75.2190, 5.3150, 115.5719** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **137.7810, -5.3150, -115.5719**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8780, -4.3769, 97.4540**, and **48.1430, -3.0285, 84.9436** is the 20% darker color. If you saturate the color by 10%, you get **71.2410, 5.3042, 119.0606**, and if you desaturate by 10%, it is **88.9140, 4.4794, 103.5614**.

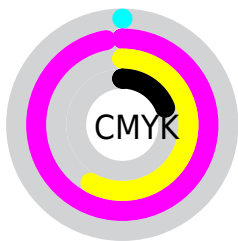
Distribution



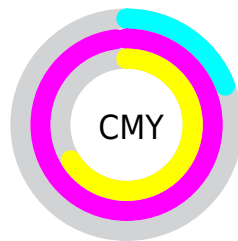
- Red (81%)
- Green (2%)
- Blue (34%)



- Red (81%)
- Yellow (2%)
- Blue (34%)



- Cyan (0%)
- Magenta (97%)
- Yellow (58%)
- Black (19%)



- Cyan (19%)
- Magenta (98%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2190, 5.3150, 115.5719 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 75.2190, 5.3150, 115.5719 by changing the saturation by 10% instead.

■ 75.2190, 5.3150,
115.5719

■ 75.2190, 5.3150,
115.5719

255.0000, 0.0000,
0.0000

■ 59.8060, 1.5746,
101.9021

■ 143.8780, -4.3769,
97.4540

■ 48.1430, -3.0285,
84.9436

■ 164.4520, -1.7018,
79.4106

■ 36.5940, -7.1948,
67.8851

■ 185.1400, 1.4100,
61.2672

■ 25.6430, -11.6560,
52.0561

■ 205.3550, 5.2480,
43.5387

■ 16.6730, -7.2338,
33.6128

■ 226.1570, 8.7966,
25.2953

■ 2.3920, -1.1793,
4.9182

■ 244.4340, 5.2090,

■ 0.0000, 0.0000,

9.2664

0.0000

■ 75.2190, 5.3150,
115.5719

■ 75.2190, 5.3150,
115.5719

■ 71.2410, 5.3042,
119.0606

■ 88.9140, 4.4794,
103.5614

■ 102.1360, 4.3700,
91.9657

■ 115.8310, 3.5343,
79.9552

■ 129.6400, 3.1355,
67.8447

■ 143.3350, 2.2998,
55.8342

■ 156.5570, 2.1904,
44.2385

■ 170.2520, 1.3548,
32.2280

■ 184.0610, 0.9559,
20.1175

■ 197.1690, 0.4097,
8.6218

Harmonies

Analogous

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



93.2980, 25.4891, 84.8077



75.2190, 5.3150, 115.5719



92.1950, -32.1411, 89.2830

Triad

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



75.2190, 5.3150, 115.5719



80.8830, -39.8753, -43.7474



96.5800, 60.3531, -84.7007

Complementary

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



75.2190, 5.3150, 115.5719



137.7810, -5.3150, -115.5719

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.



96.5850, 42.6026, -84.7050



75.2190, 5.3150, 115.5719



82.3180, -9.5238, -72.1929

Square

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



75.2190, 5.3150, 115.5719



96.2750, -47.4636, 10.2828



90.6740, 17.4157, -79.5211



87.7580, 67.1673, -76.9638

Rectangle

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



75.2190, 5.3150, 115.5719



96.6270, -47.6371, 66.1021



90.6740, 17.4157, -79.5211



97.3150, 55.5537, -85.3453

Sweetspot

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



75.2190, 5.3150, 115.5719



206.4320, 1.7590, 42.5941



65.0930, 69.9602, 54.2924



98.5070, 1.2290, 25.8654



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.



75.2190, 5.3150, 115.5719



87.7590, 6.5278, 146.6704



77.8390, -35.4166, 113.2742



97.7450, 0.1257, 6.3626



57.8700, 4.5011, 96.5840



14.0830, 0.9451, 23.6062

Inverse Universe

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



75.2190, 5.3150, 115.5719



87.7590, 6.5278, 146.6704



135.1610, 35.4166, -113.2742



97.7450, 0.1257, 6.3626



57.8700, 4.5011, 96.5840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 75.2190, 5.3150, 115.5719 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 75.2190, 5.3150, 115.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

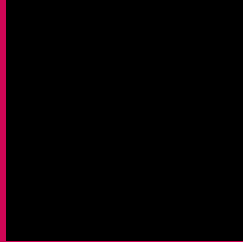
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2190, 5.3150, 115.5719

Background



This preview shows how black text looks on a background with the YUV color 75.2190, 5.3150, 115.5719.



This preview shows how white text looks on a background with the YUV color 75.2190, 5.3150,

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

75.2190, 5.3150, 115.5719

Protanopia

107.2690, 8.7414, -3.7439

Deuteranopia

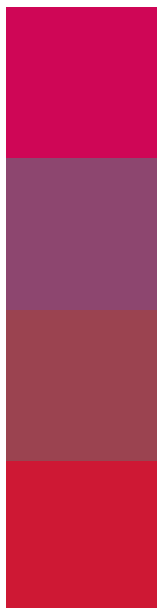
106.3260, -14.4577, 17.2541



Tritanopia

85.6020, -25.9328, 104.7120

Trichromacy



Original Color

75.2190, 5.3150, 115.5719

Protanomaly

95.9030, 7.4428, 39.5501

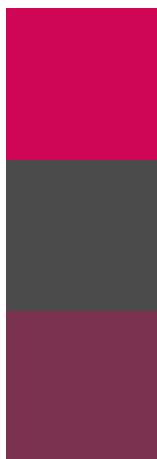
Deuteranomaly

94.7940, -7.2934, 52.8007

Tritanomaly

81.6100, -14.5977, 109.0900

Monochromacy



Original Color

75.2190, 5.3150, 115.5719

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1330, 1.9064, 41.9794

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2190, 5.3150, 115.5719 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(207, 6, 86)` looks like.

```
.text, #text, p{  
    color:rgb(207, 6, 86)  
}
```

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(207, 6, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 6, 86) }
```

Border

The CSS property to change the border of an element to YUV 75.2190, 5.3150, 115.5719 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(207, 6, 86) }
```


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

```
.border{ border-color:rgb(207, 6, 86) }
```

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

Here you see how a box with a 4 pixel rgb(207, 6, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 6, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 6, 86);  
box-shadow:4px 4px 4px 4px rgb(207, 6, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.2190, 5.3150, 115.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 6, 86) }
```

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

```
.background{ background-color: rgb(207, 6,  
86) }
```

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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