

Converting Colors

YUV(95.0170, -1.9804, 75.4071)

Have a look what the booklet for
YUV(95.0170, -1.9804, 75.4071)
contains.

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Color

**YUV(95.0170, -1.9804,
75.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	B5345B
RGB	181, 52, 91
RGB Percent	71%, 20%, 36%
CMY	0.2902, 0.7961, 0.6431
CMYK	0.00, 0.71, 0.50, 0.29
HSL	342°, 55%, 46%
HSV	342°, 71%, 71%
XYZ	22.1724, 13.0351, 11.2449
YIQ	95.0170, 64.3650, 39.4770

Conversions

Conversions Part 2

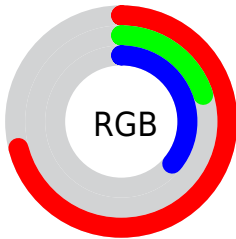
Format	Color
R_{YB}	181, 52, 91
Decimal	11875419
CIE _{Lab}	42.82, 54.28, 7.57
CIE _{LCh}	43, 54.803, 7.942
Yxy	13.0351, 0.4773, 0.2806
Android (android.graphics.Color)	4290065499 (0xFFB5345B)
YUV	95.0170, -1.9804, 75.4071
Hunter-Lab	36.1041, 46.4388, 6.8065

Details

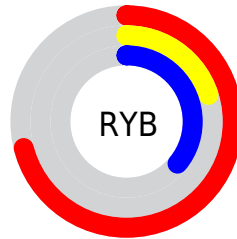
The YUV color **95.0170, -1.9804, 75.4071** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **137.9830, 1.9804, -75.4071**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5290, -5.1908, 78.4661**, and **41.7220, 2.1091, 70.4038** is the 20% darker color. If you saturate the color by 10%, you get **82.9690, -2.4497, 85.9732**, and if you desaturate by 10%, it is **107.0650, -1.5110, 64.8410**.

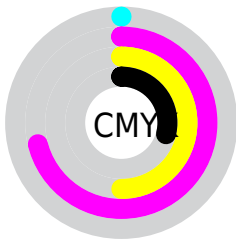
Distribution



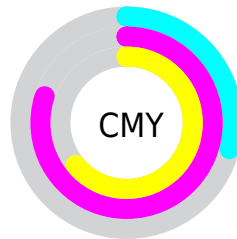
- Red (71%)
- Green (20%)
- Blue (36%)



- Red (71%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (50%)
- Black (29%)





- Cyan (29%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.0170, -1.9804, 75.4071 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 95.0170, -1.9804, 75.4071 by changing the saturation by 10% instead.

 95.0170, -1.9804,
75.4071

 95.0170, -1.9804,
75.4071


255.0000, 0.0000,
0.0000


 63.1790, 2.3768,
77.8960


 151.5290, -5.1908,
78.4661

 41.7220, 2.1091,
70.4038


 174.5280, -3.7113,
70.5739


 31.0700, -2.4995,
55.1896

 194.0420, -0.0207,
53.4602

 20.1470, -9.4395,
41.0901

 214.2570, 3.8173,
35.7316

 11.1770, -5.0173,
22.6468

 234.5860, 8.0921,
17.9031

 0.0000, 0.0000,
0.0000

 252.0650, 1.4470,

2.5740

■ 95.0170, -1.9804,
75.4071

■ 95.0170, -1.9804,
75.4071

■ 82.9690, -2.4497,
85.9732

■ 107.0650, -1.5110,
64.8410

■ 71.0350, -2.4823,
96.4393

■ 118.9990, -1.4785,
54.3749

■ 60.3890, -2.6568,
105.7758

■ 131.0470, -1.0092,
43.8088

■ 143.0950, -0.5398,
33.2427

■ 155.6160, -0.7967,
22.2618

■ 167.6640, -0.3274,
11.6957

■ 179.5980, -0.2948,
1.2296

■ 191.6460, 0.1745,
-9.3365

■ 203.6940, 0.6439,
-19.9026

Harmonies

Analogous

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



100.3470, 17.5769, 55.8237



95.0170, -1.9804, 75.4071



96.2400, -23.7823, 68.1955

Triad

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



95.0170, -1.9804, 75.4071



87.5080, -34.2674, -22.3705



88.5950, 47.5277, -77.6978

Complementary

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



95.0170, -1.9804, 75.4071



137.9830, 1.9804, -75.4071

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.



88.8110, 33.1242, -77.8872



95.0170, -1.9804, 75.4071



77.2630, -6.0457, -67.7597

Square

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



95.0170, -1.9804, 75.4071



93.6500, -46.1695, 15.2159



84.3820, 13.6157, -74.0030



82.2350, 53.6211, -72.1201

Rectangle

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



95.0170, -1.9804, 75.4071



96.1940, -37.5636, 55.0809



84.3820, 13.6157, -74.0030



88.9710, 43.8913, -78.0276

Sweetspot

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



95.0170, -1.9804, 75.4071



201.6600, -0.8184, 29.2392



93.0180, 43.3751, 41.2032



97.6970, -0.3436, 16.9287



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0170, -1.9804, 75.4071



100.3520, -3.1315, 118.0863



104.6590, -25.9609, 66.9511



83.0330, -0.0163, 5.2331



50.9910, -2.4606, 89.4619



8.6860, -0.3382, 15.1844

Inverse Universe

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



95.0170, -1.9804, 75.4071



100.3520, -3.1315, 118.0863



128.3410, 25.9609, -66.9511



83.0330, -0.0163, 5.2331



50.9910, -2.4606, 89.4619



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 95.0170, -1.9804, 75.4071 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 95.0170, -1.9804, 75.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

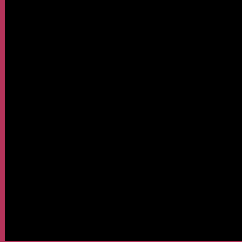
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0170, -1.9804, 75.4071

Background



This preview shows how black text looks on a background with the YUV color 95.0170, -1.9804, 75.4071.



This preview shows how white text looks on a background with the YUV color 95.0170, -1.9804,

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

95.0170, -1.9804, 75.4071

Protanopia

102.3400, 7.7204, -2.9292

Deuteranopia

102.4980, -8.6265, 13.5953



Tritanopia

95.2220, -16.3784, 73.4733

Trichromacy



Original Color

95.0170, -1.9804, 75.4071

Protanomaly

99.6040, 4.1392, 25.7803

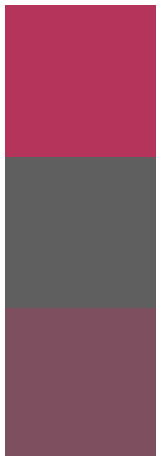
Deuteranomaly

99.6240, -6.2236, 36.2868

Tritanomaly

95.0140, -10.8529, 74.5327

Monochromacy



Original Color

95.0170, -1.9804, 75.4071

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7630, -0.3762, 27.3948

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0170, -1.9804, 75.4071 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(181, 52, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 52, 91)  
}
```

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(181, 52, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 52, 91) }
```

Border

The CSS property to change the border of an element to YUV 95.0170, -1.9804, 75.4071 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(181, 52, 91) }
```


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

```
.border{ border-color:rgb(181, 52, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 52, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 52, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 52, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 52,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 95.0170, -1.9804, 75.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 52, 91) }
```

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

```
.background{ background-color: rgb(181, 52,  
91) }
```

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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