

Converting Colors

YUV(75.3780, -6.1024, 90.8765)

Have a look what the booklet for
YUV(75.3780, -6.1024, 90.8765)
contains.

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Color

**YUV(75.3780, -6.1024,
90.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	B3193F
RGB	179, 25, 63
RGB Percent	70%, 10%, 25%
CMY	0.2980, 0.9020, 0.7529
CMYK	0.00, 0.86, 0.65, 0.30
HSL	345°, 75%, 40%
HSV	345°, 86%, 70%
XYZ	19.8352, 10.6378, 5.7105
YIQ	75.3780, 79.5860, 44.4660

Conversions

Conversions Part 2

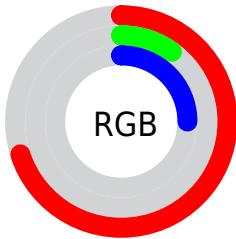
Format	Color
R_{YB}	179, 25, 63
Decimal	11737407
CIE Lab	38.96, 59.66, 19.90
CIE LCh	39, 62.896, 18.447
Yxy	10.6378, 0.5482, 0.2940
Android (android.graphics.Color)	4289927487 (0xFFB3193F)
YUV	75.3780, -6.1024, 90.8765
Hunter-Lab	32.6157, 51.4772, 12.4502

Details

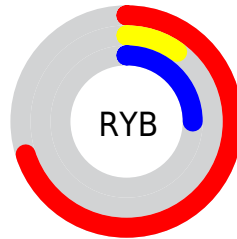
The YUV color **75.3780, -6.1024, 90.8765** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128.6220, 6.1024, -90.8765**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8420, -13.2331, 91.3466**, and **38.0890, -7.9319, 70.9589** is the 20% darker color. If you saturate the color by 10%, you get **63.3300, -6.5717, 101.4426**, and if you desaturate by 10%, it is **87.4260, -5.6330, 80.3104**.

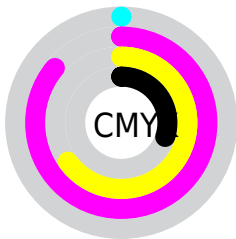
Distribution



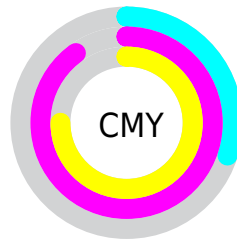
- Red (70%)
- Green (10%)
- Blue (25%)



- Red (70%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (86%)
- Yellow (65%)
- Black (30%)





- Cyan (30%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.3780, -6.1024, 90.8765 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 75.3780, -6.1024, 90.8765 by changing the saturation by 10% instead.


 75.3780, -6.1024,
90.8765


 75.3780, -6.1024,
90.8765


255.0000, 0.0000,
0.0000


 49.2250, -4.0549,
87.5027


 136.8420,
-13.2331, 91.3466


 38.0890, -7.9319,
70.9589


 160.4280,
-12.0430, 82.9396

 26.6110, -13.1192,
54.7152


 180.4150, -9.0786,
65.4110

 18.5810, -7.6814,
37.2015

 199.9290, -5.3880,
48.2973

 7.5890, -3.2484,
15.2694

 220.0300, -1.9868,
30.6687

 0.0000, 0.0000,
0.0000

 240.3590, 2.2880,

12.8402

■ 75.3780, -6.1024,
90.8765

■ 75.3780, -6.1024,
90.8765

■ 63.3300, -6.5717,
101.4426

■ 87.4260, -5.6330,
80.3104

■ 58.5370, -7.1667,
105.6461

■ 99.5880, -4.7269,
69.6443

■ 111.6360, -4.2575,
59.0782

■ 123.7980, -3.3514,
48.4122

■ 135.2590, -2.5927,
38.3609

■ 147.4210, -1.6866,
27.6948

■ 159.4690, -1.2172,
17.1287

■ 171.6310, -0.3111,
6.4626

■ 183.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



79.3870, 17.0642, 80.3446



75.3780, -6.1024, 90.8765



83.0370, -36.0072, 69.2506

Triad

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



75.3780, -6.1024, 90.8765



64.4220, -27.3230, -56.4981



83.0500, 54.2054, -72.8349

Complementary

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



75.3780, -6.1024, 90.8765



128.6220, 6.1024, -90.8765

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.



84.8960, 40.9703, -74.4538



75.3780, -6.1024, 90.8765



73.7240, -1.8359, -64.6559

Square

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



75.3780, -6.1024, 90.8765



82.9300, -40.8845, 0.0614



80.9400, 20.7356, -70.9844



76.6160, 55.8983, -55.7912

Rectangle

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



75.3780, -6.1024, 90.8765



86.1840, -42.4887, 48.0736



80.9400, 20.7356, -70.9844



84.2410, 51.1532, -73.8794

Sweetspot

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



75.3780, -6.1024, 90.8765



191.6500, -2.2925, 35.3869



76.9410, 50.3151, 55.3027



92.7900, -1.3755, 21.2322



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.



75.3780, -6.1024, 90.8765



75.8660, -9.3009, 136.9295



93.9390, -33.9869, 74.5985



83.0330, -0.0163, 5.2331



50.0790, -5.9549, 90.2617



8.4580, -1.2118, 15.3843

Inverse Universe

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



75.3780, -6.1024, 90.8765



75.8660, -9.3009, 136.9295



110.0610, 33.9869, -74.5985



83.0330, -0.0163, 5.2331



50.0790, -5.9549, 90.2617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 75.3780, -6.1024, 90.8765 looks on a white background.

Color Contrast Check

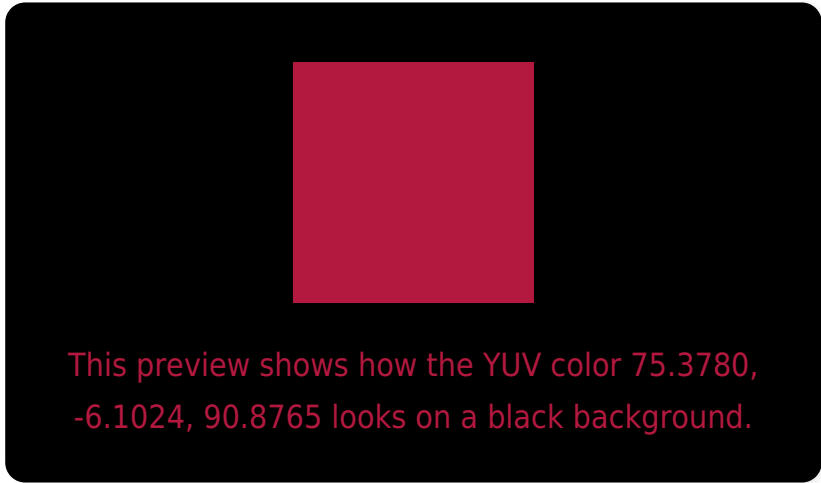
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 75.3780, -6.1024, 90.8765

Background



This preview shows how black text looks on a background with the YUV color 75.3780, -6.1024, 90.8765.



This preview shows how white text looks on a background with the YUV color 75.3780, -6.1024,

90.8765.

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

75.3780, -6.1024, 90.8765

Protanopia

93.5550, -1.7526, 2.1443

Deuteranopia

92.3000, -18.3889, 18.1539



Tritanopia

76.3550, -21.3740, 89.1427

Trichromacy



Original Color

75.3780, -6.1024, 90.8765

Protanomaly

86.7100, -3.3080, 34.4573

Deuteranomaly

86.3170, -13.9603, 44.4490

Tritanomaly

75.8480, -15.7011, 89.5873

Monochromacy



Original Color

75.3780, -6.1024, 90.8765

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3400, -2.1396, 33.0278

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3780, -6.1024, 90.8765 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(179, 25, 63)` looks like.

```
.text, #text, p{  
    color:rgb(179, 25, 63)  
}
```

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(179, 25, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 25, 63) }
```

Border

The CSS property to change the border of an element to YUV 75.3780, -6.1024, 90.8765 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(179, 25, 63) }
```


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

```
.border{ border-color:rgb(179, 25, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 25, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 25, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 25, 63);  
box-shadow:4px 4px 4px 4px rgb(179, 25,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 75.3780, -6.1024, 90.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 25, 63) }
```

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

```
.background{ background-color: rgb(179, 25,  
63) }
```

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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