

Converting Colors

YUV(90.4190, 51.5584,
-17.0305)

Have a look what the booklet for
YUV(90.4190, 51.5584, -17.0305)
contains.

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Color

**YUV(90.4190, 51.5584,
-17.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	4750C3
RGB	71, 80, 195
RGB Percent	28%, 31%, 76%
CMY	0.7216, 0.6863, 0.2353
CMYK	0.64, 0.59, 0.00, 0.24
HSL	236°, 51%, 52%
HSV	236°, 64%, 76%
XYZ	15.3175, 11.0170, 52.9489
YIQ	90.4190, -42.2790, 33.8570

Conversions

Conversions Part 2

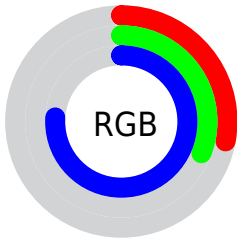
Format	Color
R _Y B	71, 79, 195
Decimal	4673731
CIE Lab	39.61, 32.40, -61.40
CIE LCh	40, 69.423, 297.821
Yxy	11.0170, 0.1932, 0.1390
Android (android.graphics.Color)	4282863811 (0xFF4750C3)
YUV	90.4190, 51.5584, -17.0305
Hunter-Lab	33.1919, 24.2889, -71.3471

Details

The YUV color **90.4190, 51.5584, -17.0305** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **175.5810, -51.5584, 17.0305**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9190, 53.2839, -10.4530**, and **37.0920, 50.7336, -32.5297** is the 20% darker color. If you saturate the color by 10%, you get **73.8730, 59.7156, -20.0596**, and if you desaturate by 10%, it is **106.9650, 43.4013, -14.0013**.

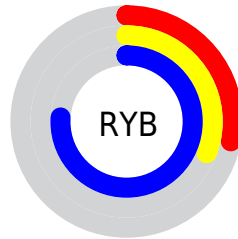
Distribution



Red (28%)

Green (31%)

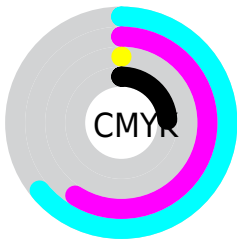
Blue (76%)



Red (28%)

Yellow (31%)

Blue (76%)

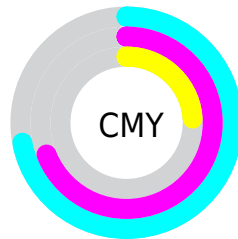


Cyan (64%)

Magenta (59%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (69%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4190, 51.5584, -17.0305 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 90.4190, 51.5584, -17.0305 by changing the saturation by 10% instead.

■ 90.4190, 51.5584,
-17.0305

■ 90.4190, 51.5584,
-17.0305

■ 255.0000, 0.0000,
0.0000

■ 62.6630, 51.4381,
-25.1375

■ 143.9190, 53.2839,
-10.4530

■ 37.0920, 50.7336,
-32.5297

■ 168.1940, 42.7954,
-6.3091

■ 22.3880, 45.1647,
-19.6343

■ 192.7140, 30.7070,
-2.3802

■ 10.1460, 38.8750,
-8.8980

■ 218.1200, 18.1818,
1.6488

■ 11.4050, 25.9293,
-10.0022

■ 243.5260, 5.6567,
5.6777

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 90.4190, 51.5584,
-17.0305

■ 90.4190, 51.5584,
-17.0305

■ 73.8730, 59.7156,
-20.0596

■ 106.9650, 43.4013,
-14.0013

■ 57.6260, 67.7254,
-22.4740

■ 123.2120, 35.3915,
-11.5869

■ 41.0800, 75.8826,
-25.5032

■ 139.7580, 27.2343,
-8.5578

■ 30.4480, 81.1241,
-26.7029

■ 156.0050, 19.2245,
-6.1434

■ 172.5510, 11.0674,
-3.1142

■ 189.3850, 2.7682,
-1.2146

■ 205.6320, -5.2416,
1.1997

■ 222.1780,
-13.3988, 4.2289

■ 238.4250,
-21.4085, 6.6433

Harmonies

Analogous

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



83.5860, 61.3361, -73.3049



90.4190, 51.5584, -17.0305



89.2560, 32.4118, 57.6575

Triad

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



90.4190, 51.5584, -17.0305



85.4080, -42.1061, 65.4172



78.0100, 4.4321, -68.4148

Complementary

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



90.4190, 51.5584, -17.0305



175.5810, -51.5584, 17.0305

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.



69.1810, -21.7812, -60.6717



90.4190, 51.5584, -17.0305



88.1120, -43.4392, 26.2118

Square

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



90.4190, 51.5584, -17.0305



72.1850, -13.4022, 98.9388



80.1730, -39.5253, -15.9377



85.2090, 29.4770, -74.7283

Rectangle

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



90.4190, 51.5584, -17.0305



67.3860, 25.4457, 98.7625



80.1730, -39.5253, -15.9377



75.1430, -4.0145, -65.9004

Sweetspot

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



90.4190, 51.5584, -17.0305



211.8200, 19.8087, -6.8581



156.7840, 13.9105, -75.2326



102.5940, 12.5252, -4.0289



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.



90.4190, 51.5584, -17.0305



90.9920, 79.3769, -26.3030



100.6840, 46.4978, 19.5711



88.7270, 4.0786, -1.5146



25.3980, 66.8518, -22.2740



4.9360, 13.8356, -4.3289

Inverse Universe

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



109.1020, -14.3473, 75.3325



119.7050, -22.0396, 116.0227



165.3160, -46.4978, -19.5711



90.1040, -1.0373, 6.0478



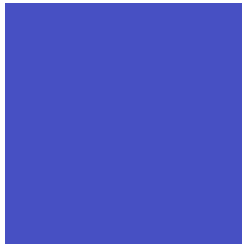
49.5070, -18.4910, 97.7794



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 90.4190, 51.5584, -17.0305 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 90.4190, 51.5584, -17.0305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

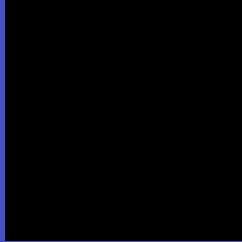
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.4190, 51.5584, -17.0305

Background



This preview shows how black text looks on a background with the YUV color 90.4190, 51.5584, -17.0305.



This preview shows how white text looks on a background with the YUV color 90.4190, 51.5584,

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

90.4190, 51.5584, -17.0305

Protanopia

74.4900, 56.9464, -65.3277

Deuteranopia

74.4610, 44.1427, -65.3023



Tritanopia

78.1980, 16.1714, -53.6706

Trichromacy



Original Color

90.4190, 51.5584, -17.0305

Protanomaly

80.1440, 55.1450, -47.4843

Deuteranomaly

80.5540, 46.5619, -47.8439

Tritanomaly

83.0160, 29.0791, -40.3560

Monochromacy



Original Color

90.4190, 51.5584, -17.0305

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8910, 18.7877, -6.0434

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4190, 51.5584, -17.0305 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(71, 80, 195)` looks like.

```
.text, #text, p{  
    color:rgb(71, 80, 195)  
}
```

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(71, 80, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 80, 195) }
```

Border

The CSS property to change the border of an element to YUV 90.4190, 51.5584, -17.0305 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(71, 80, 195) }
```


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

```
.border{ border-color:rgb(71, 80, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 80, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 80, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 80, 195);  
box-shadow:4px 4px 4px 4px rgb(71, 80,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 90.4190, 51.5584, -17.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 80, 195) }
```

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

```
.background{ background-color: rgb(71, 80,  
195) }
```

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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