

Converting Colors

YUV(75.9180, 27.6484,
-48.1631)

Have a look what the booklet for
YUV(75.9180, 27.6484, -48.1631)
contains.

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Color

**YUV(75.9180, 27.6484,
-48.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	155D84
RGB	21, 93, 132
RGB Percent	8%, 36%, 52%
CMY	0.9176, 0.6353, 0.4824
CMYK	0.84, 0.30, 0.00, 0.48
HSL	201°, 73%, 30%
HSV	201°, 84%, 52%
XYZ	8.3885, 9.6541, 23.2511
YIQ	75.9180, -55.4310, -3.1350

Conversions

Conversions Part 2

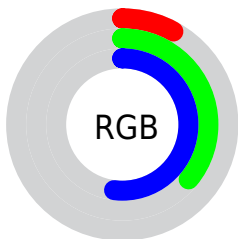
Format	Color
R_{YB}	21, 65, 132
Decimal	1400196
CIE _{Lab}	37.21, -6.76, -27.79
CIE _{LCh}	37, 28.604, 256.333
Yxy	9.6541, 0.2031, 0.2338
Android (android.graphics.Color)	4279590276 (0xFF155D84)
YUV	75.9180, 27.6484, -48.1631
Hunter-Lab	31.0710, -6.1833, -22.6183

Details

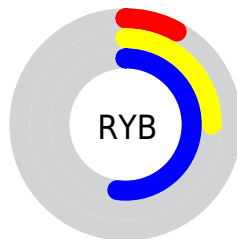
The YUV color **75.9180, 27.6484, -48.1631** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **77.0820, -27.6484, 48.1631**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4460, 26.8951, -39.8561**, and **36.9370, 22.2161, -32.3937** is the 20% darker color. If you saturate the color by 10%, you get **69.0960, 31.0117, -53.5812**, and if you desaturate by 10%, it is **82.7400, 24.2852, -42.7450**.

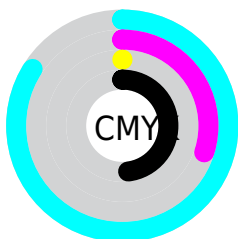
Distribution



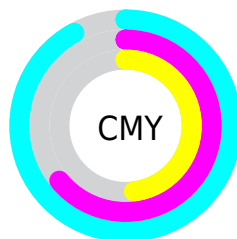
- Red (8%)
- Green (36%)
- Blue (52%)



- Red (8%)
- Yellow (25%)
- Blue (52%)



- Cyan (84%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9180, 27.6484, -48.1631 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 75.9180, 27.6484, -48.1631 by changing the saturation by 10% instead.

■ 75.9180, 27.6484,
-48.1631

■ 75.9180, 27.6484,
-48.1631

■ 255.0000, 0.0000,
0.0000

■ 53.2880, 26.4800,
-46.7336

■ 130.4460, 26.8951,
-39.8561

■ 36.9370, 22.2161,
-32.3937

■ 157.8590, 27.1845,
-39.3413

■ 22.5750, 17.9575,
-19.7983

■ 185.3860, 27.9107,
-38.9265

■ 5.3920, 15.5827,
-4.7288

■ 211.6760, 21.3587,
-37.4269

■ 2.1830, 5.8258,
-1.9145

■ 236.7830, 8.9810,
-34.0127

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 75.9180, 27.6484,
-48.1631

■ 75.9180, 27.6484,
-48.1631

■ 69.0960, 31.0117,
-53.5812

■ 82.7400, 24.2852,
-42.7450

■ 65.5300, 32.7697,
-57.4698

■ 88.9750, 21.2113,
-36.8121

■ 96.0960, 17.7007,
-30.7792

■ 102.9180, 14.3374,
-25.3611

■ 109.1530, 11.2636,
-19.4282

■ 115.9750, 7.9003,
-14.0101

■ 122.2100, 4.8265,
-8.0772

■ 129.3310, 1.3158,
-2.0443

■ 136.1530, -2.0474,
3.3738

Harmonies

Analogous

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



71.2060, 24.0554, -62.4477



75.9180, 27.6484, -48.1631



87.3570, 22.0090, -12.5911

Triad

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



75.9180, 27.6484, -48.1631



88.6350, -6.2291, 38.0311



81.4590, -13.0443, -16.1885

Complementary

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



75.9180, 27.6484, -48.1631



77.0820, -27.6484, 48.1631

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.



84.2290, -20.8189, 4.1842



75.9180, 27.6484, -48.1631



87.3820, -15.9643, 33.8680

Square

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



75.9180, 27.6484, -48.1631



89.7510, 4.5598, 30.9134



86.6980, -22.0361, 21.3129



75.1490, 0.4195, -41.3497

Rectangle

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



75.9180, 27.6484, -48.1631



89.9140, 17.2974, 5.3374



86.6980, -22.0361, 21.3129



82.5910, -16.5604, -8.4113

Sweetspot

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



75.9180, 27.6484, -48.1631



149.3380, 10.6794, -18.7134



90.6030, -15.0873, -61.0418



73.9430, 6.4371, -11.3510



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



75.9180, 27.6484, -48.1631



84.6510, 42.5701, -74.2389



43.6330, 43.5649, -19.8491



63.0320, 1.4632, -2.6591



64.1280, 32.4749, -56.2403



1.5160, 0.7316, -1.3295

Inverse Universe

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



62.3970, 15.0873, 61.0418



63.7830, 23.2780, 94.0293



109.3670, -43.5649, 19.8491



62.2500, 0.8628, 3.2888



48.4460, 17.5281, 71.5229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 75.9180, 27.6484, -48.1631 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 ✓ Pass

Black Background



This preview shows how the YUV color 75.9180, 27.6484, -48.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 75.9180, 27.6484, -48.1631

Background



This preview shows how black text looks on a background with the YUV color 75.9180, 27.6484, -48.1631.



This preview shows how white text looks on a background with the YUV color 75.9180, 27.6484, -48.1631.

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

75.9180, 27.6484, -48.1631

Protanopia

86.9720, 19.2408, -11.3764

Deuteranopia

85.6660, 23.3357, -18.1241



Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Original Color

75.9180, 27.6484, -48.1631

Protanomaly

83.2800, 22.0470, -24.8016

Deuteranomaly

82.0560, 25.1154, -28.9901

Tritanomaly

71.7400, 20.8342, -55.9000

Monochromacy



Original Color

75.9180, 27.6484, -48.1631

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8220, 9.9478, -17.3839

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9180, 27.6484, -48.1631 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(21, 93, 132)` looks like.

```
.text, #text, p{  
    color:rgb(21, 93, 132)  
}
```

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(21, 93, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 93, 132) }
```

Border

The CSS property to change the border of an element to YUV 75.9180, 27.6484, -48.1631 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(21, 93, 132) }
```


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

```
.border{ border-color:rgb(21, 93, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 93, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 93, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 93, 132);  
box-shadow:4px 4px 4px 4px rgb(21, 93,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 75.9180, 27.6484, -48.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 93, 132) }
```

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

```
.background{ background-color: rgb(21, 93,  
132) }
```

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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