

Converting Colors

YUV(75.7150, 48.9475,
-66.4021)

Have a look what the booklet for
YUV(75.7150, 48.9475, -66.4021)
contains.

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Color

**YUV(75.7150, 48.9475,
-66.4021)**

Conversions

Conversions Part 1

Format	Color
Hex	005FAF
RGB	0, 95, 175
RGB Percent	0%, 37%, 69%
CMY	1.0000, 0.6275, 0.3137
CMYK	1.00, 0.46, 0.00, 0.31
HSL	207°, 100%, 34%
HSV	207°, 100%, 69%
XYZ	11.8301, 11.2796, 42.1111
YIQ	75.7150, -82.3000, 4.7400

Conversions

Conversions Part 2

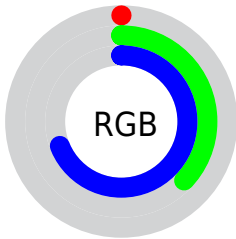
Format	Color
R _{YB}	0, 62, 175
Decimal	24495
CIE Lab	40.05, 8.06, -49.08
CIE LCh	40, 49.740, 279.325
Yxy	11.2796, 0.1814, 0.1729
Android (android.graphics.Color)	4278214575 (0xFF005FAF)
YUV	75.7150, 48.9475, -66.4021
Hunter-Lab	33.5851, 4.1014, -50.8321

Details

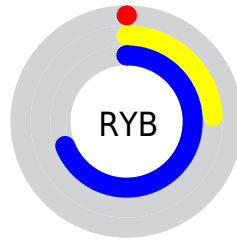
The YUV color **75.7150, 48.9475, -66.4021** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **99.2850, -48.9475, 66.4021**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3590, 45.6720, -42.4108**, and **43.2580, 38.8198, -37.9373** is the 20% darker color. If you saturate the color by 10%, you get **75.7150, 48.9475, -66.4021**, and if you desaturate by 10%, it is **85.4940, 44.1265, -60.0692**.

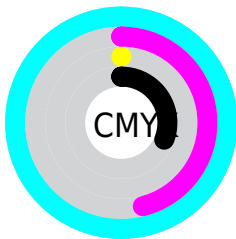
Distribution



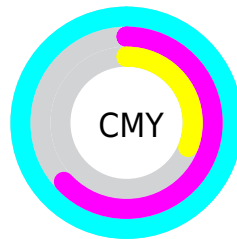
- Red (0%)
- Green (37%)
- Blue (69%)



- Red (0%)
- Yellow (24%)
- Blue (69%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (63%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7150, 48.9475, -66.4021 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 75.7150, 48.9475, -66.4021 by changing the saturation by 10% instead.

■ 75.7150, 48.9475,
-66.4021

■ 75.7150, 48.9475,
-66.4021

■ 255.0000, 0.0000,
0.0000

■ 59.1360, 43.8100,
-51.8623

■ 138.3590, 45.6720,
-42.4108

■ 43.2580, 38.8198,
-37.9373

■ 165.6260, 44.0614,
-39.1370

■ 28.5540, 33.2509,
-25.0419

■ 190.4450, 31.8256,
-34.5933

■ 9.3820, 30.8707,
-8.2280

■ 215.5520, 19.4479,
-31.1791

■ 7.9340, 20.2455,
-6.9581

■ 241.5450, 6.6333,
-27.6650

■ 3.6650, 11.5042,
-3.2142

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 75.7150, 48.9475,
-66.4021

■ 85.4940, 44.1265,
-60.0692

■ 95.5720, 39.1580,
-53.1216

■ 105.6500, 34.1896,
-46.1740

■ 115.4290, 29.3685,
-39.8412

■ 125.5070, 24.4000,
-32.8936

■ 135.2860, 19.5790,
-26.5608

■ 145.0650, 14.7580,
-20.2280

■ 155.1430, 9.7895,
-13.2804

■ 165.2210, 4.8210,
-6.3328

Harmonies

Analogous

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



81.6020, 43.5802, -71.5650



75.7150, 48.9475, -66.4021



97.2860, 29.9320, 12.9042

Triad

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



75.7150, 48.9475, -66.4021



90.5380, -22.4502, 60.9182



72.4530, -4.1673, -63.5413

Complementary

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



75.7150, 48.9475, -66.4021



99.2850, -48.9475, 66.4021

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.



82.3000, -28.7419, -21.3111



75.7150, 48.9475, -66.4021



89.7100, -40.2830, 40.5963

Square

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



75.7150, 48.9475, -66.4021



89.9190, -3.4111, 67.6000



87.4370, -43.1064, 12.7718



78.4150, 13.5994, -68.7700

Rectangle

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



75.7150, 48.9475, -66.4021



96.1170, 19.6623, 40.2394



87.4370, -43.1064, 12.7718



70.2700, -9.9931, -61.6268

Sweetspot

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



75.7150, 48.9475, -66.4021



188.4710, 18.9948, -25.8461



111.7310, -16.1364, -97.9881



91.2890, 11.6895, -16.0395



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



75.7150, 48.9475, -66.4021



98.0790, 63.5581, -86.0153



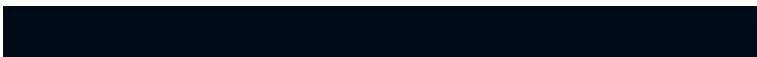
25.2330, 73.8351, -22.1293



81.9610, 2.4842, -3.4738



65.2340, 41.7896, -57.2102



9.6660, 6.5737, -8.4771

Inverse Universe

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



63.1550, 15.6996, 98.0881



81.8950, 20.2648, 127.2571



149.7670, -73.8351, 22.1293



81.2610, 0.8573, 5.0331



54.1980, 13.7064, 84.0184



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 75.7150, 48.9475, -66.4021 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 75.7150, 48.9475, -66.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

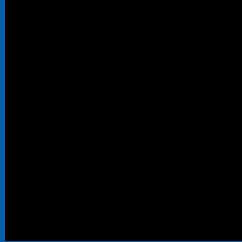
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7150, 48.9475, -66.4021

Background



This preview shows how black text looks on a background with the YUV color 75.7150, 48.9475, -66.4021.



This preview shows how white text looks on a background with the YUV color 75.7150, 48.9475,

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



Protanopia

90.0570, 40.3979, -30.7450

Deuteranopia

75.6180, 46.0373, -66.3170

Tritanopia

74.4030, 18.5353, -65.2514

Trichromacy



Protanomaly

84.7780, 43.4934, -43.6553

Deuteranomaly

75.8460, 46.9109, -66.5169

Tritanomaly

74.6770, 29.7392, -65.4917

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8410, 17.8264, -24.4166

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7150, 48.9475, -66.4021 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(0, 95, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 175)  
}
```

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(0, 95, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 175) }
```

Border

The CSS property to change the border of an element to YUV 75.7150, 48.9475, -66.4021 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(0, 95, 175) }
```

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

```
.border{ border-color:rgb(0, 95, 175) }
```

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

Here you see how a box with a 4 pixel rgb(0, 95, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 175)  
}
```


Background

The CSS property to change the background color of an element to YUV 75.7150, 48.9475, -66.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 175) }
```

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

```
.background{ background-color: rgb(0, 95,  
175) }
```

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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