

Converting Colors

YUV(75.5440, -21.9602, -3.1081)

Have a look what the booklet for
YUV(75.5440, -21.9602, -3.1081)
contains.

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Color

**YUV(75.5440, -21.9602,
-3.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	48561F
RGB	72, 86, 31
RGB Percent	28%, 34%, 12%
CMY	0.7176, 0.6627, 0.8784
CMYK	0.16, 0.00, 0.64, 0.66
HSL	75°, 47%, 23%
HSV	75°, 64%, 34%
XYZ	6.2476, 8.1322, 2.5367
YIQ	75.5440, 9.3110, -20.0730

Conversions

Conversions Part 2

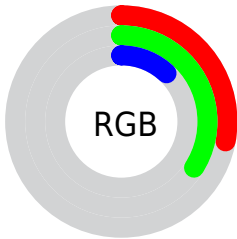
Format	Color
RYB	31, 86, 45
Decimal	4740639
CIELab	34.26, -14.84, 29.53
CIELCh	34, 33.046, 116.677
Yxy	8.1322, 0.3693, 0.4807
Android (android.graphics.Color)	4282930719 (0xFF48561F)
YUV	75.5440, -21.9602, -3.1081
Hunter-Lab	28.5171, -10.7986, 14.6878

Details

The YUV color **75.5440, -21.9602, -3.1081** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.4560, 21.9602, 3.1081**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2020, -23.2706, -2.8082**, and **32.1400, -15.8450, -4.5078** is the 20% darker color. If you saturate the color by 10%, you get **73.9200, -25.5966, -3.4378**, and if you desaturate by 10%, it is **77.1680, -18.3238, -2.7783**.

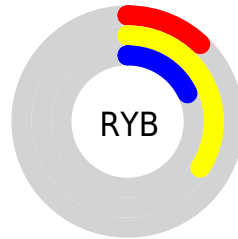
Distribution



Red (28%)

Green (34%)

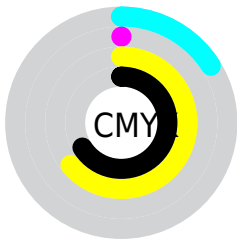
Blue (12%)



Red (12%)

Yellow (34%)

Blue (18%)

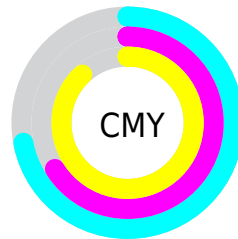


Cyan (16%)

Magenta (0%)

Yellow (64%)

Black (66%)



Cyan (72%)

Magenta (66%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5440, -21.9602, -3.1081 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 75.5440, -21.9602, -3.1081 by changing the saturation by 10% instead.

■ 75.5440, -21.9602,
-3.1081

■ 75.5440, -21.9602,
-3.1081

255.0000, 0.0000,
0.0000

■ 52.1310, -22.2496,
-3.6229

■ 125.2020,
-23.2706, -2.8082

■ 32.1400, -15.8450,
-4.5078

■ 150.9740,
-24.1442, -2.6082

■ 12.9140, -6.3666,
-11.3256

■ 177.8600,
-24.5810, -2.5082

■ 0.0000, 0.0000,
0.0000

■ 205.6320,
-25.4546, -2.3083

■ 233.8170,
-26.0388, -1.5935

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

75.5440, -21.9602,
-3.1081

75.5440, -21.9602,
-3.1081

73.9200, -25.5966,
-3.4378

77.1680, -18.3238,
-2.7783

72.4100, -28.7961,
-3.8676

78.6780, -15.1243,
-2.3486

70.4870, -32.2851,
-4.8121

80.6010, -11.6353,
-1.4041

69.6180, -34.3217,
-4.9270

82.1110, -8.4357,
-0.9743

83.7350, -4.7994,
-0.6446

■ 85.3590, -1.1630,
-0.3148

■ 86.8690, 2.0366,
0.1149

■ 88.7920, 5.5255,
1.0594

■ 90.3020, 8.7251,
1.4891

Harmonies

Analogous

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



78.0520, -25.6616, 17.4944



75.5440, -21.9602, -3.1081



70.5930, -9.6593, -28.5841

Triad

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



75.5440, -21.9602, -3.1081



66.9660, 28.1178, -58.7292



81.7090, 1.6225, 39.7202

Complementary

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



75.5440, -21.9602, -3.1081



41.4560, 21.9602, 3.1081

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.



82.9980, 13.3120, 23.6808



75.5440, -21.9602, -3.1081



67.1610, 32.4586, -51.0072

Square

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



75.5440, -21.9602, -3.1081



66.3330, 18.0768, -58.1740



81.6400, 22.8555, -4.0693



80.1040, -10.8973, 42.0048

Rectangle

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



75.5440, -21.9602, -3.1081



62.3430, 2.7889, -54.6748



81.6400, 22.8555, -4.0693



82.0120, 5.4171, 35.9465

Sweetspot

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



75.5440, -21.9602, -3.1081



108.1110, -8.4357, -0.9743



55.6630, -12.1589, 26.6055



53.6210, -5.2362, -0.5446



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



75.5440, -21.9602, -3.1081



95.6180, -34.3217, -4.9270



67.4710, -17.9802, -19.7071



42.2450, -1.5998, -0.2149



86.7290, -42.7574, -5.9013



190.2700, -93.8031, -13.3918

Inverse Universe

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



41.4560, 21.9602, 3.1081



42.3820, 34.3217, 4.9270



49.5290, 17.9802, 19.7071



39.7550, 1.5998, 0.2149



20.2710, 42.7574, 5.9013



44.7300, 93.8031, 13.3918

Previews

White Background



This preview shows how the YUV color 75.5440, -21.9602, -3.1081 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 75.5440, -21.9602, -3.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

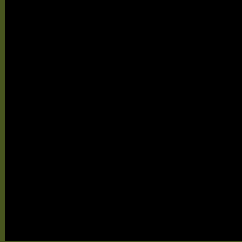
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5440, -21.9602, -3.1081

Background



This preview shows how black text looks on a background with the YUV color 75.5440, -21.9602, -3.1081.



This preview shows how white text looks on a background with the YUV color 75.5440, -21.9602, -3.1081.

-3.1081.

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

75.5440, -21.9602, -3.1081

Protanopia

77.7630, -24.0402, 10.7318

Deuteranopia

78.9750, -22.1727, 18.4389



Tritanopia

80.2000, 3.3524, -1.9294

Trichromacy



Original Color

75.5440, -21.9602, -3.1081

Protanomaly

76.9580, -23.1503, 5.2988

Deuteranomaly

77.6320, -22.0036, 10.8467

Tritanomaly

78.4960, -5.6675, -2.1890

Monochromacy



Original Color

75.5440, -21.9602, -3.1081

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5440, -21.9602, -3.1081 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(72, 86, 31)` looks like.

```
.text, #text, p{  
    color:rgb(72, 86, 31)  
}
```

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(72, 86, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 86, 31) }
```

Border

The CSS property to change the border of an element to YUV 75.5440, -21.9602, -3.1081 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(72, 86, 31) }
```


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

```
.border{ border-color:rgb(72, 86, 31) }
```

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

Here you see how a box with a 4 pixel rgb(72, 86, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 86, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 86, 31);  
box-shadow:4px 4px 4px 4px rgb(72, 86, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5440, -21.9602, -3.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 86, 31) }
```

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

```
.background{ background-color: rgb(72, 86,  
31) }
```

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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