

Converting Colors

YUV(76.6760, 41.5717,
-33.9189)

Have a look what the booklet for
YUV(76.6760, 41.5717, -33.9189)
contains.

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Color

**YUV(76.6760, 41.5717,
-33.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	2650A1
RGB	38, 80, 161
RGB Percent	15%, 31%, 63%
CMY	0.8510, 0.6863, 0.3686
CMYK	0.76, 0.50, 0.00, 0.37
HSL	220°, 62%, 39%
HSV	220°, 76%, 63%
XYZ	10.1010, 8.7226, 34.8695
YIQ	76.6760, -51.0330, 16.2870

Conversions

Conversions Part 2

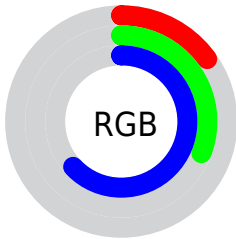
Format	Color
R_{YB}	38, 69, 161
Decimal	2511009
CIE _{Lab}	35.44, 15.09, -48.14
CIE _{LCh}	35, 50.446, 287.406
Yxy	8.7226, 0.1881, 0.1625
Android (android.graphics.Color)	4280701089 (0xFF2650A1)
YUV	76.6760, 41.5717, -33.9189
Hunter-Lab	29.5340, 9.3646, -49.3271

Details

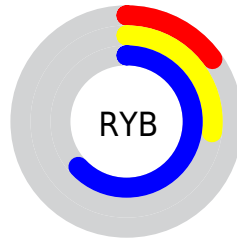
The YUV color **76.6760, 41.5717, -33.9189** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **122.3240, -41.5717, 33.9189**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5460, 42.1288, -25.9118**, and **34.1450, 36.9035, -29.9452** is the 20% darker color. If you saturate the color by 10%, you get **65.4350, 47.1135, -38.0925**, and if you desaturate by 10%, it is **87.9170, 36.0299, -29.7452**.

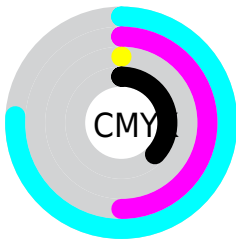
Distribution



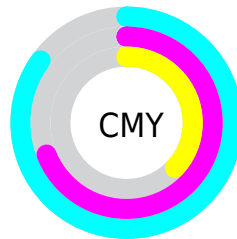
- Red (15%)
- Green (31%)
- Blue (63%)



- Red (15%)
- Yellow (27%)
- Blue (63%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (69%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6760, 41.5717, -33.9189 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 76.6760, 41.5717, -33.9189 by changing the saturation by 10% instead.

■ 76.6760, 41.5717,
-33.9189

■ 76.6760, 41.5717,
-33.9189

■ 255.0000, 0.0000,
0.0000

■ 49.3220, 41.7463,
-43.2554

■ 130.5460, 42.1288,
-25.9118

■ 34.1450, 36.9035,
-29.9452

■ 157.7850, 42.9970,
-24.3674

■ 19.5550, 31.7714,
-17.1497

■ 182.8580, 35.5660,
-20.9235

■ 10.3620, 24.4715,
-9.0875

■ 207.6660, 23.3357,
-18.1241

■ 5.3920, 15.5827,
-4.7288

■ 233.0720, 10.8105,
-14.0951

■ 2.1830, 5.8258,
-1.9145

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 76.6760, 41.5717,
-33.9189

■ 76.6760, 41.5717,
-33.9189

■ 65.4350, 47.1135,
-38.0925

■ 87.9170, 36.0299,
-29.7452

■ 54.7810, 52.3660,
-42.7809

■ 98.5710, 30.7775,
-25.0568

■ 50.6390, 54.4080,
-44.4104

■ 109.8120, 25.2357,
-20.8831

■ 120.4660, 19.9833,
-16.1947

■ 131.7070, 14.4414,
-12.0210

■ 143.2470, 8.7522,
-7.2326

■ 153.9010, 3.4998,
-2.5442

■ 165.1420, -2.0420,
1.6295

■ 175.7960, -7.2944,
6.3179

Harmonies

Analogous

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



73.0590, 43.8479, -64.0727



76.6760, 41.5717, -33.9189



85.7390, 26.2577, 24.7849

Triad

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



76.6760, 41.5717, -33.9189



78.6530, -26.9439, 55.5553



65.9960, -0.9840, -57.8785

Complementary

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



76.6760, 41.5717, -33.9189



122.3240, -41.5717, 33.9189

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.



66.3350, -21.8572, -36.2508



76.6760, 41.5717, -33.9189



78.4100, -38.6561, 32.0894

Square

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



76.6760, 41.5717, -33.9189



76.5940, -7.1948, 67.8851



75.8640, -37.4010, 2.7503



71.3710, 17.0721, -62.5924

Rectangle

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



76.6760, 41.5717, -33.9189



82.2600, 16.1408, 49.7610



75.8640, -37.4010, 2.7503



63.8130, -6.8098, -55.9640

Sweetspot

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



76.6760, 41.5717, -33.9189



175.8640, 16.3360, -13.0357



119.3210, -0.6513, -71.3185



84.2900, 10.2100, -8.1473



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



76.6760, 41.5717, -33.9189



77.0430, 65.0548, -52.6577



57.4040, 51.0728, -1.2313



75.7870, 3.0630, -2.4442



45.8800, 48.8662, -40.2368



5.5740, 6.1260, -4.8884

Inverse Universe

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



79.5650, 0.2145, 71.4185



81.8180, 0.0897, 111.5386



141.5960, -51.0728, 1.2313



76.0330, -0.0163, 5.2331



49.0550, 0.4659, 84.1438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 76.6760, 41.5717, -33.9189 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 76.6760, 41.5717, -33.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

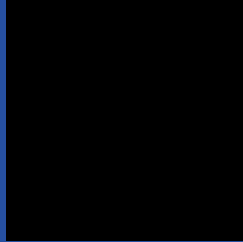
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6760, 41.5717, -33.9189

Background



This preview shows how black text looks on a background with the YUV color 76.6760, 41.5717, -33.9189.



This preview shows how white text looks on a background with the YUV color 76.6760, 41.5717,

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

76.6760, 41.5717, -33.9189

Protanopia

75.7790, 42.0140, -35.7632

Deuteranopia

66.7670, 40.0479, -58.5547



Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

76.6760, 41.5717, -33.9189

Protanomaly

76.0780, 41.8665, -35.1484

Deuteranomaly

70.3490, 40.7469, -49.4181

Tritanomaly

69.7500, 25.7592, -48.8927

Monochromacy



Original Color

76.6760, 41.5717, -33.9189

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9350, 15.3150, -12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6760, 41.5717, -33.9189 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(38, 80, 161)` looks like.

```
.text, #text, p{  
    color:rgb(38, 80, 161)  
}
```

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(38, 80, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 80, 161) }
```

Border

The CSS property to change the border of an element to YUV 76.6760, 41.5717, -33.9189 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(38, 80, 161) }
```


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

```
.border{ border-color:rgb(38, 80, 161) }
```

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

Here you see how a box with a 4 pixel rgb(38, 80, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 80, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 80, 161);  
box-shadow:4px 4px 4px 4px rgb(38, 80,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 76.6760, 41.5717, -33.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 80, 161) }
```

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

```
.background{ background-color: rgb(38, 80,  
161) }
```

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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