

Converting Colors

YUV(76.0970, 56.6472,
-15.8711)

Have a look what the booklet for
YUV(76.0970, 56.6472, -15.8711)
contains.

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Color

**YUV(76.0970, 56.6472,
-15.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3FBF
RGB	58, 63, 191
RGB Percent	23%, 25%, 75%
CMY	0.7725, 0.7529, 0.2510
CMYK	0.70, 0.67, 0.00, 0.25
HSL	238°, 53%, 49%
HSV	238°, 70%, 75%
XYZ	12.9264, 8.2161, 50.1948
YIQ	76.0970, -44.0680, 38.7480

Conversions

Conversions Part 2

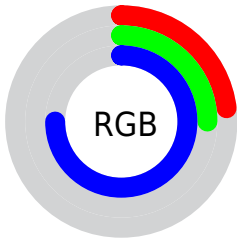
Format	Color
R_{YB}	58, 63, 191
Decimal	3817407
CIE _{Lab}	34.43, 39.76, -67.55
CIE _{LCh}	34, 78.387, 300.481
Yxy	8.2161, 0.1812, 0.1152
Android (android.graphics.Color)	4282007487 (0xFF3A3FBF)
YUV	76.0970, 56.6472, -15.8711
Hunter-Lab	28.6638, 30.3357, -83.7613

Details

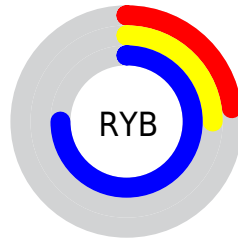
The YUV color **76.0970, 56.6472, -15.8711** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **172.9030, -56.6472, 15.8711**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9070, 58.2198, -6.9344**, and **27.2440, 53.6167, -23.8930** is the 20% darker color. If you saturate the color by 10%, you get **59.8500, 64.6570, -18.2855**, and if you desaturate by 10%, it is **92.3440, 48.6374, -13.4567**.

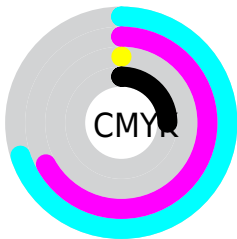
Distribution



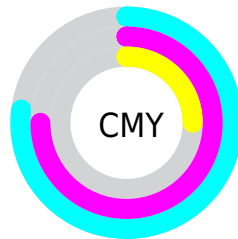
- Red (23%)
- Green (25%)
- Blue (75%)



- Red (23%)
- Yellow (25%)
- Blue (75%)



- Cyan (70%)
- Magenta (67%)
- Yellow (0%)
- Black (25%)



- Cyan (77%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0970, 56.6472, -15.8711 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 76.0970, 56.6472, -15.8711 by changing the saturation by 10% instead.

■ 76.0970, 56.6472,
-15.8711

■ 76.0970, 56.6472,
-15.8711

■ 255.0000, 0.0000,
0.0000

■ 43.5460, 58.8908,
-35.5588

■ 129.9070, 58.2198,
-6.9344

■ 27.2440, 53.6167,
-23.8930

■ 154.9370, 49.3311,
-2.5757

■ 12.5400, 48.0478,
-10.9976

■ 179.1690, 37.3847,
2.4828

■ 9.6900, 37.1278,
-8.4981

■ 204.5750, 24.8595,
6.5117

■ 10.3620, 24.4715,
-9.0875

■ 229.3940, 12.6238,
11.0555

■ 5.5060, 16.0195,
-4.8288

■ 250.3040, 2.3151,

■ 2.2970, 6.2626,

4.1184

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 76.0970, 56.6472,
-15.8711

■ 76.0970, 56.6472,
-15.8711

■ 59.8500, 64.6570,
-18.2855

■ 92.3440, 48.6374,
-13.4567

■ 43.0160, 72.9561,
-20.1850

■ 109.1780, 40.3382,
-11.5571

■ 26.7690, 80.9659,
-22.5994

■ 125.4250, 32.3285,
-9.1427

■ 25.8830, 81.4027,
-22.6994

■ 142.2590, 24.0293,
-7.2431

■ 158.8050, 15.8721,
-4.2140

■ 175.0520, 7.8624,
-1.7996

■ 191.8860, -0.4368,
0.1000

■ 208.1330, -8.4466,
2.5144

■ 224.3800,
-16.4563, 4.9287

Harmonies

Analogous

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



76.6560, 65.2456, -67.2273



76.0970, 56.6472, -15.8711



61.8640, 40.4930, 79.0493

Triad

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



76.0970, 56.6472, -15.8711



72.4170, -35.7016, 64.5323



70.1680, 4.8472, -61.5373

Complementary

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



76.0970, 56.6472, -15.8711



172.9030, -56.6472, 15.8711

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.



59.6290, -27.9181, -52.2946



76.0970, 56.6472, -15.8711



75.9740, -37.4552, 20.1938

Square

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



76.0970, 56.6472, -15.8711



55.1320, -16.3341, 106.0012



63.5500, -31.3301, -31.1773



78.0510, 32.5129, -68.4507

Rectangle

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



76.0970, 56.6472, -15.8711



64.4800, 19.4834, 97.8030



63.5500, -31.3301, -31.1773



67.0730, -4.4730, -58.8230

Sweetspot

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



76.0970, 56.6472, -15.8711



202.1020, 22.1347, -6.2285



150.4350, 16.5475, -81.0655



98.1210, 13.2513, -3.6141



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



76.0970, 56.6472, -15.8711



67.7070, 88.3914, -24.2990



91.1020, 49.2497, 23.5895



86.0260, 3.9312, -0.8998



21.5340, 67.2777, -18.8853



4.1210, 13.2513, -3.6141

Inverse Universe

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



98.3370, -17.4211, 81.2655



102.6910, -27.4557, 126.5590



157.8980, -49.2497, -23.5895



87.6910, -1.3267, 5.5330



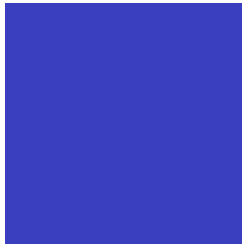
47.9260, -20.6695, 96.5349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 76.0970, 56.6472, -15.8711 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 76.0970, 56.6472, -15.8711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

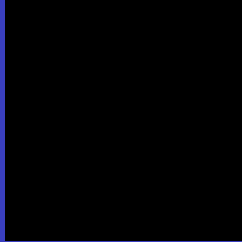
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0970, 56.6472, -15.8711

Background



This preview shows how black text looks on a background with the YUV color 76.0970, 56.6472, -15.8711.



This preview shows how white text looks on a background with the YUV color 76.0970, 56.6472, -15.8711.

-15.8711.

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

76.0970, 56.6472, -15.8711

Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

64.7950, 37.5691, -56.8252



Tritanopia

63.7740, 15.8874, -55.9298

Trichromacy



Original Color

76.0970, 56.6472, -15.8711

Protanomaly

68.9660, 51.7818, -42.0662

Deuteranomaly

69.0170, 44.3616, -42.1109

Tritanomaly

68.1730, 30.9737, -41.3707

Monochromacy



Original Color

76.0970, 56.6472, -15.8711

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7600, 20.8243, -5.9285

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0970, 56.6472, -15.8711 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(58, 63, 191)` looks like.

```
.text, #text, p{  
    color:rgb(58, 63, 191)  
}
```

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(58, 63, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 63, 191) }
```

Border

The CSS property to change the border of an element to YUV 76.0970, 56.6472, -15.8711 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(58, 63, 191) }
```


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

```
.border{ border-color:rgb(58, 63, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 63, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 63, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 63, 191);  
box-shadow:4px 4px 4px 4px rgb(58, 63,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 76.0970, 56.6472, -15.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 63, 191) }
```

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

```
.background{ background-color: rgb(58, 63,  
191) }
```

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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