

Converting Colors

YUV(76.2350, 10.2371,
-16.8691)

Have a look what the booklet for
YUV(76.2350, 10.2371, -16.8691)
contains.

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Color

**YUV(76.2350, 10.2371,
-16.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	395261
RGB	57, 82, 97
RGB Percent	22%, 32%, 38%
CMY	0.7765, 0.6784, 0.6196
CMYK	0.41, 0.15, 0.00, 0.62
HSL	202°, 26%, 30%
HSV	202°, 41%, 38%
XYZ	6.8623, 7.7675, 12.4469
YIQ	76.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

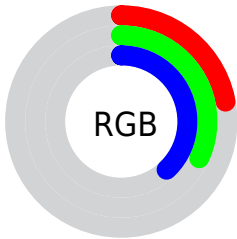
Format	Color
RYB	57, 72, 97
Decimal	3756641
CIELab	33.49, -5.14, -11.73
CIELCh	33, 12.806, 246.355
Yxy	7.7675, 0.2534, 0.2869
Android (android.graphics.Color)	4281946721 (0xFF395261)
YUV	76.2350, 10.2371, -16.8691
Hunter-Lab	27.8703, -4.8221, -6.9697

Details

The YUV color **76.2350, 10.2371, -16.8691** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.7650, -10.2371, 16.8691**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4630, 11.1107, -17.0691**, and **30.2240, 10.2426, -18.6134** is the 20% darker color. If you saturate the color by 10%, you get **70.8970, 12.8688, -20.9577**, and if you desaturate by 10%, it is **81.5730, 7.6055, -12.7805**.

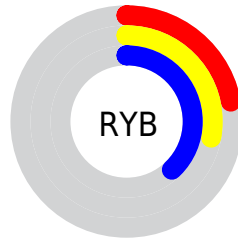
Distribution



Red (22%)

Green (32%)

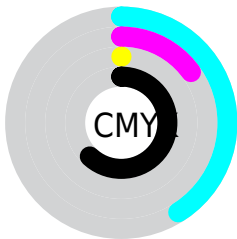
Blue (38%)



Red (22%)

Yellow (28%)

Blue (38%)

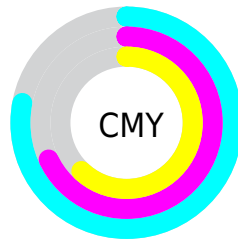


Cyan (41%)

Magenta (15%)

Yellow (0%)

Black (62%)



Cyan (78%)

Magenta (68%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2350, 10.2371, -16.8691 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 76.2350, 10.2371, -16.8691 by changing the saturation by 10% instead.

■ 76.2350, 10.2371,
-16.8691

■ 76.2350, 10.2371,
-16.8691

■ 255.0000, 0.0000,
0.0000

■ 53.1210, 9.8003,
-16.7691

■ 125.4630, 11.1107,
-17.0691

■ 30.2240, 10.2426,
-18.6134

■ 151.4630, 11.1107,
-17.0691

■ 13.3990, 8.1843,
-11.7509

■ 178.2780, 11.6949,
-17.7838

■ 0.1140, 0.4368,
-0.1000

■ 205.9790, 11.8424,
-18.3986

■ 0.0000, 0.0000,
0.0000

■ 233.6370, 10.5320,
-18.0986

■ 251.1130, 1.9163,

-7.9921

■ 76.2350, 10.2371,
-16.8691

■ 76.2350, 10.2371,
-16.8691

■ 70.8970, 12.8688,
-20.9577

■ 81.5730, 7.6055,
-12.7805

■ 66.4450, 15.0636,
-24.9463

■ 86.0250, 5.4107,
-8.7919

■ 61.1070, 17.6952,
-29.0348

■ 91.3630, 2.7790,
-4.7034

■ 55.7690, 20.3269,
-33.1234

■ 96.7010, 0.1474,
-0.6148

■ 51.3170, 22.5217,
-37.1120

■ 101.4520, -2.1948,
3.9886

■ 46.8650, 24.7166,
-41.1006

■ 106.4910, -4.6791,
7.4624

■ 111.2420, -7.0213,
12.0658

■ 116.5800, -9.6529,
16.1543

■ 121.6190,
-12.1372, 19.6281

Harmonies

Analogous

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



74.5180, 7.6326, -21.5023



76.2350, 10.2371, -16.8691



78.5890, 10.0626, -7.5326

Triad

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



76.2350, 10.2371, -16.8691



80.6430, -1.7960, 16.0991



77.0290, -7.4093, -3.5334

Complementary

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



76.2350, 10.2371, -16.8691



77.7650, -10.2371, 16.8691

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.



78.2150, -9.4730, 5.0734



76.2350, 10.2371, -16.8691



80.0900, -6.4534, 16.5841

Square

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



76.2350, 10.2371, -16.8691



80.8750, 3.0196, 11.5106



78.7860, -8.7685, 12.4657



75.8260, -2.8722, -12.1254

Rectangle

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



76.2350, 10.2371, -16.8691



79.8780, 8.4411, -0.7700



78.7860, -8.7685, 12.4657



77.4100, -8.5831, -0.3596

Sweetspot

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



76.2350, 10.2371, -16.8691



116.9930, 3.9475, -6.1329



82.1900, -5.0237, -22.0916



58.9610, 2.4842, -3.4738



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



76.2350, 10.2371, -16.8691



93.2600, 15.6478, -25.6610



64.4950, 16.0250, -6.5731



46.2170, 0.8790, -1.9443



53.8580, 28.6640, -47.2335



115.4100, 61.4229, -101.2146

Inverse Universe

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



71.8100, 5.0237, 22.0916



86.5710, 7.6065, 33.7022



89.5050, -16.0250, 6.5731



45.5380, 0.7208, 2.1592



41.4680, 14.0663, 61.8566



88.8600, 30.1420, 132.5498

Previews

White Background



This preview shows how the YUV color 76.2350, 10.2371, -16.8691 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 76.2350, 10.2371, -16.8691 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

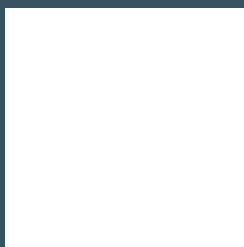
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.2350, 10.2371, -16.8691

Background



This preview shows how black text looks on a background with the YUV color 76.2350, 10.2371, -16.8691.



This preview shows how white text looks on a background with the YUV color 76.2350, 10.2371, -16.8691.

-16.8691.

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

76.2350, 10.2371, -16.8691

Protanopia

78.9270, 7.4310, -3.4440

Deuteranopia

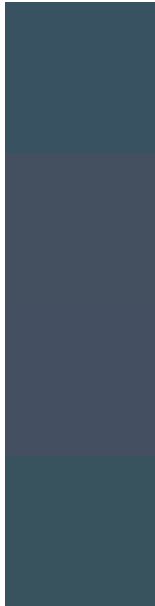
79.0950, 9.3202, -2.7143



Tritanopia

75.4260, 7.1850, -17.9136

Trichromacy



Original Color

76.2350, 10.2371, -16.8691

Protanomaly

77.5350, 8.6102, -8.3622

Deuteranomaly

78.1760, 9.7732, -8.0474

Tritanomaly

76.0670, 8.3480, -17.5988

Monochromacy



Original Color

76.2350, 10.2371, -16.8691

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2350, 10.2371, -16.8691 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(57, 82, 97)` looks like.

```
.text, #text, p{  
    color:rgb(57, 82, 97)  
}
```

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(57, 82, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 82, 97) }
```

Border

The CSS property to change the border of an element to YUV 76.2350, 10.2371, -16.8691 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(57, 82, 97) }
```


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

```
.border{ border-color:rgb(57, 82, 97) }
```

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

Here you see how a box with a 4 pixel rgb(57, 82, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 82, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 82, 97);  
box-shadow:4px 4px 4px 4px rgb(57, 82, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.2350, 10.2371, -16.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 82, 97) }
```

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

```
.background{ background-color: rgb(57, 82,  
97) }
```

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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