

Converting Colors

YUV(76.3320, 13.1473,
-16.9542)

Have a look what the booklet for
YUV(76.3320, 13.1473, -16.9542)
contains.

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Color

**YUV(76.3320, 13.1473,
-16.9542)**

Conversions

Conversions Part 1

Format	Color
Hex	395167
RGB	57, 81, 103
RGB Percent	22%, 32%, 40%
CMY	0.7765, 0.6824, 0.5961
CMYK	0.45, 0.21, 0.00, 0.60
HSL	209°, 29%, 31%
HSV	209°, 45%, 40%
XYZ	7.0780, 7.7340, 13.9517
YIQ	76.3320, -21.3660, 1.7540

Conversions

Conversions Part 2

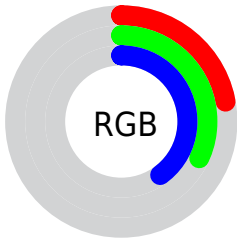
Format	Color
RYB	57, 73, 103
Decimal	3756391
CIELab	33.42, -2.67, -15.62
CIElCh	33, 15.844, 260.298
Yxy	7.7340, 0.2461, 0.2689
Android (android.graphics.Color)	4281946471 (0xFF395167)
YUV	76.3320, 13.1473, -16.9542
Hunter-Lab	27.8101, -3.2374, -10.2775

Details

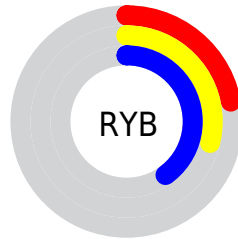
The YUV color **76.3320, 13.1473, -16.9542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.6680, -13.1473, 16.9542**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5600, 14.0209, -17.1541**, and **30.1960, 12.7214, -20.3429** is the 20% darker color. If you saturate the color by 10%, you get **70.4070, 16.0683, -20.5279**, and if you desaturate by 10%, it is **82.2570, 10.2263, -13.3804**.

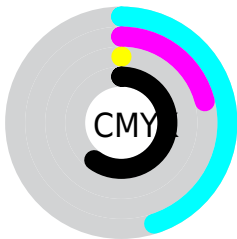
Distribution



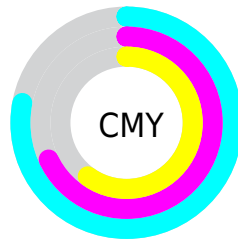
- Red (22%)
- Green (32%)
- Blue (40%)



- Red (22%)
- Yellow (29%)
- Blue (40%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3320, 13.1473, -16.9542 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 76.3320, 13.1473, -16.9542 by changing the saturation by 10% instead.

■ 76.3320, 13.1473,
-16.9542

■ 76.3320, 13.1473,
-16.9542

■ 255.0000, 0.0000,
0.0000

■ 52.9190, 12.8579,
-17.4690

■ 125.5600, 14.0209,
-17.1541

■ 30.1960, 12.7214,
-20.3429

■ 151.6740, 14.4577,
-17.2541

■ 12.7950, 10.9471,
-11.2212

■ 178.7880, 14.8945,
-17.3541

■ 1.1400, 4.3680,
-0.9998

■ 206.4890, 15.0419,
-17.9689

■ 0.0000, 0.0000,
0.0000

■ 233.3490, 10.6739,
-16.9691

■ 251.4120, 1.7689,

-7.3773

■ 76.3320, 13.1473,
-16.9542

■ 76.3320, 13.1473,
-16.9542

■ 70.4070, 16.0683,
-20.5279

■ 82.2570, 10.2263,
-13.3804

■ 64.1830, 19.1368,
-24.7165

■ 88.4810, 7.1579,
-9.1918

■ 58.2580, 22.0578,
-28.2903

■ 94.4060, 4.2368,
-5.6181

■ 52.3330, 24.9788,
-31.8640

■ 100.3310, 1.3158,
-2.0443

■ 46.1090, 28.0473,
-36.0526

■ 106.5550, -1.7526,
2.1443

■ 43.4400, 29.3631,
-38.0969

■ 112.4800, -4.6736,
5.7180

■ 117.8180, -7.3053,
9.8066

■ 123.7430,
-10.2263, 13.3804

■ 129.9670,
-13.2947, 17.5689

Harmonies

Analogous

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



73.2230, 11.7221, -26.5056



76.3320, 13.1473, -16.9542



79.2520, 11.2148, -3.7290

Triad

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



76.3320, 13.1473, -16.9542



80.1660, -5.0118, 20.9024



75.5120, -6.6614, -10.0960

Complementary

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



76.3320, 13.1473, -16.9542



83.6680, -13.1473, 16.9542

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.



76.8510, -10.7725, 1.8847



76.3320, 13.1473, -16.9542



79.0040, -9.3690, 18.4135

Square

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



76.3320, 13.1473, -16.9542



80.7510, 1.1088, 17.7584



77.9770, -11.8207, 11.4212



73.5800, 0.2071, -19.8027

Rectangle

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



76.3320, 13.1473, -16.9542



80.3240, 8.7143, 4.9779



77.9770, -11.8207, 11.4212



76.0780, -8.4195, -6.2074

Sweetspot

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



76.3320, 13.1473, -16.9542



125.2210, 4.8210, -6.3328



86.3960, -4.1392, -25.7803



62.7760, 3.0684, -4.1886



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.3320, 13.1473, -16.9542



92.6280, 20.8894, -26.8608



63.4180, 19.5139, -5.6286



48.3310, 1.3158, -2.0443



48.3300, 32.8683, -42.3854



101.5500, 69.2419, -89.0593

Inverse Universe

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



73.4900, 3.7024, 25.8803



88.1590, 5.8376, 41.0796



96.5820, -19.5139, 5.6286



47.8370, 0.5734, 2.7740



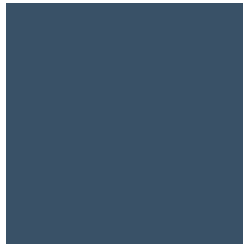
41.2250, 9.2561, 64.7007



86.7220, 19.3641, 136.1788

Previews

White Background



This preview shows how the YUV color 76.3320, 13.1473, -16.9542 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 76.3320, 13.1473, -16.9542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

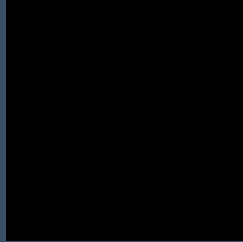
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

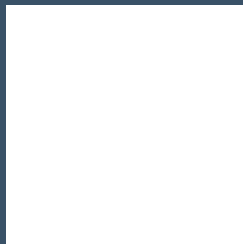
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.3320, 13.1473, -16.9542

Background



This preview shows how black text looks on a background with the YUV color 76.3320, 13.1473, -16.9542.



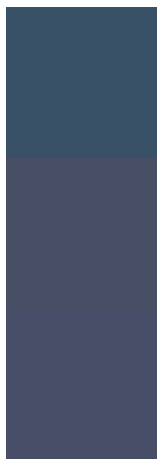
This preview shows how white text looks on a background with the YUV color 76.3320, 13.1473,

-16.9542.

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

76.3320, 13.1473, -16.9542

Protanopia

78.7140, 10.4940, -5.8882

Deuteranopia

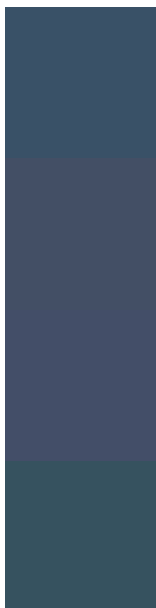
78.5830, 12.5306, -5.7733



Tritanopia

74.8280, 7.4798, -19.1432

Trichromacy



Original Color

76.3320, 13.1473, -16.9542

Protanomaly

77.9200, 11.3784, -9.5768

Deuteranomaly

77.6750, 12.9782, -9.3620

Tritanomaly

75.1100, 9.8058, -18.5135

Monochromacy



Original Color

76.3320, 13.1473, -16.9542

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2210, 4.8210, -6.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3320, 13.1473, -16.9542 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, 81, 103)` looks like.

```
.text, #text, p{  
    color:rgb(57, 81, 103)  
}
```

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, 81, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 81, 103) }
```

Border

The CSS property to change the border of an element to YUV 76.3320, 13.1473, -16.9542 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, 81, 103) }
```


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

```
.border{ border-color:rgb(57, 81, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 81, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 81, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 81, 103);  
box-shadow:4px 4px 4px 4px rgb(57, 81,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 76.3320, 13.1473, -16.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 81, 103) }
```

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

```
.background{ background-color: rgb(57, 81,  
103) }
```

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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