

Converting Colors

YUV(76.5960, 6.1152, -1.3997)

Have a look what the booklet for
YUV(76.5960, 6.1152, -1.3997)
contains.

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Color

**YUV(76.5960, 6.1152,
-1.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4B59
RGB	75, 75, 89
RGB Percent	29%, 29%, 35%
CMY	0.7059, 0.7059, 0.6510
CMYK	0.16, 0.16, 0.00, 0.65
HSL	240°, 9%, 32%
HSV	240°, 16%, 35%
XYZ	7.2209, 7.2493, 10.4699
YIQ	76.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

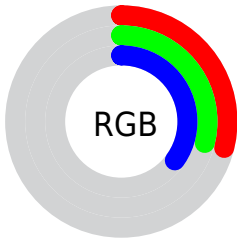
Format	Color
RYB	75, 75, 89
Decimal	4934489
CIELab	32.37, 3.28, -8.23
CIELCh	32, 8.865, 291.738
Yxy	7.2493, 0.2895, 0.2907
Android (android.graphics.Color)	4283124569 (0xFF4B4B59)
YUV	76.5960, 6.1152, -1.3997
Hunter-Lab	26.9245, 0.7542, -4.2084

Details

The YUV color **76.5960, 6.1152, -1.3997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.4040, -6.1152, 1.3997**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7100, 6.5520, -1.4997**, and **32.4820, 5.6784, -1.2997** is the 20% darker color. If you saturate the color by 10%, you get **68.6220, 10.0464, -2.2995**, and if you desaturate by 10%, it is **84.5700, 2.1840, -0.4999**.

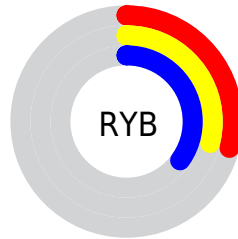
Distribution



Red (29%)

Green (29%)

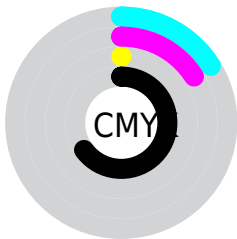
Blue (35%)



Red (29%)

Yellow (29%)

Blue (35%)

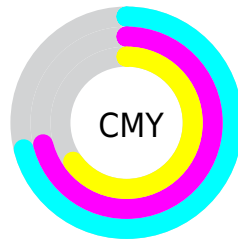


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (71%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5960, 6.1152, -1.3997 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 76.5960, 6.1152, -1.3997 by changing the saturation by 10% instead.

■ 76.5960, 6.1152,
-1.3997

■ 76.5960, 6.1152,
-1.3997

255.0000, 0.0000,
0.0000

■ 53.5960, 6.1152,
-1.3997

■ 125.7100, 6.5520,
-1.4997

■ 32.4820, 5.6784,
-1.2997

■ 151.1230, 6.8414,
-0.9849

■ 9.1230, 6.8414,
-0.9849

■ 177.8240, 6.9888,
-1.5996

■ 0.0000, 0.0000,
0.0000

■ 205.8240, 6.9888,
-1.5996

■ 233.9380, 7.4256,
-1.6996

■ 76.5960, 6.1152,
-1.3997

■ 76.5960, 6.1152,
-1.3997

■ 68.6220, 10.0464,
-2.2995

■ 84.5700, 2.1840,
-0.4999

■ 60.6480, 13.9775,
-3.1993

■ 92.5440, -1.7472,
0.3999

■ 52.6740, 17.9087,
-4.0991

■ 100.5180, -5.6784,
1.2997

■ 44.7000, 21.8399,
-4.9989

■ 108.4920, -9.6096,
2.1995

■ 37.6120, 25.3343,
-5.7987

■ 116.4660,
-13.5407, 3.0993

■ 29.6380, 29.2655,
-6.6985

■ 123.5540,
-17.0351, 3.8991

■ 21.6640, 33.1966,
-7.5983

■ 131.5280,
-20.9663, 4.7989

■ 13.6900, 37.1278,

■ 139.5020,

-8.4981

-24.8975, 5.6987

■ 10.1460, 38.8750,
-8.8980

■ 147.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



75.1930, 7.2999, -8.0623



76.5960, 6.1152, -1.3997



77.3580, 3.7675, 4.9480

Triad

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



76.5960, 6.1152, -1.3997



76.8720, -5.8529, 10.6363



73.6350, 0.1799, -11.0809

Complementary

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



76.5960, 6.1152, -1.3997



87.4040, -6.1152, 1.3997

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.



74.3430, -3.6201, -5.5628



76.5960, 6.1152, -1.3997



76.2090, -7.0050, 6.8327

Square

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



76.5960, 6.1152, -1.3997



76.9800, -2.9481, 12.2955



75.1050, -5.9678, 0.7849



73.5360, 3.6798, -13.6251

Rectangle

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



76.5960, 6.1152, -1.3997



77.8100, 1.5727, 8.9366



75.1050, -5.9678, 0.7849



74.0050, -0.9885, -9.6514

Sweetspot

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



76.5960, 6.1152, -1.3997



109.6840, 2.6208, -0.5999



84.8140, 2.0637, -8.6069



55.4560, 1.7472, -0.3999



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



76.5960, 6.1152, -1.3997



95.5080, 9.6096, -2.1995



78.6890, 5.0833, 2.9037



39.4560, 1.7472, -0.3999



12.1980, 46.7374, -10.6976



26.7900, 102.6475, -23.4948

Inverse Universe

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



80.7820, 4.0515, 7.2072



102.0860, 6.3666, 11.3256



85.3110, -5.0833, -2.9037



40.6520, 1.1576, 2.0592



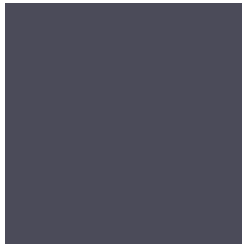
44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 76.5960, 6.1152, -1.3997 looks on a white background.

Color Contrast Check

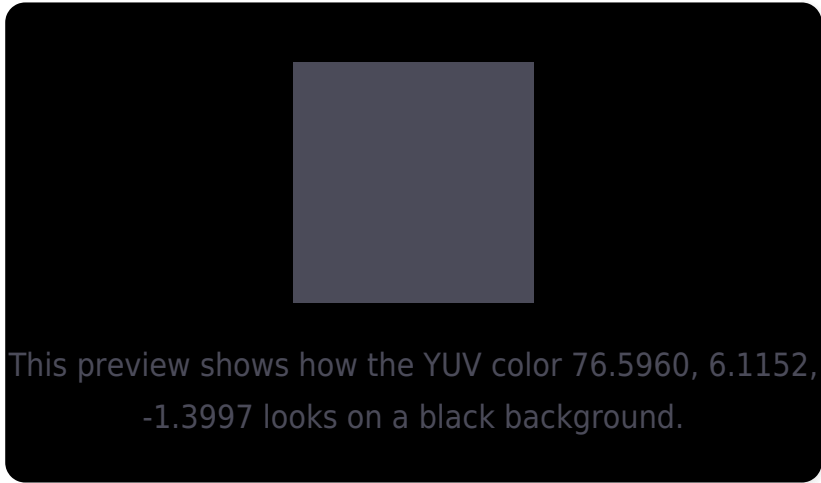
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

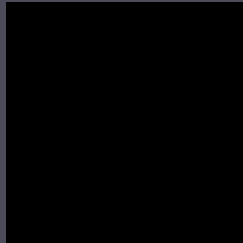
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5960, 6.1152, -1.3997

Background



This preview shows how black text looks on a background with the YUV color 76.5960, 6.1152, -1.3997.



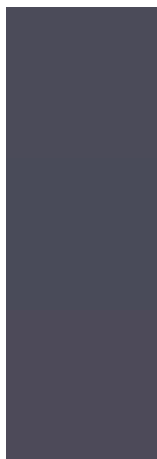
This preview shows how white text looks on a background with the YUV color 76.5960, 6.1152, -1.3997.

-1.3997.

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

76.5960, 6.1152, -1.3997

Protanopia

75.9980, 6.4100, -2.6292

Deuteranopia

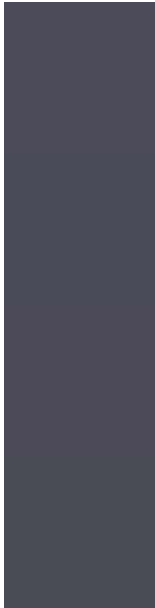
76.6070, 6.1097, 0.3447



Tritanopia

76.0860, 2.9156, -1.8294

Trichromacy



Original Color

76.5960, 6.1152, -1.3997

Protanomaly

76.2970, 6.2626, -2.0145

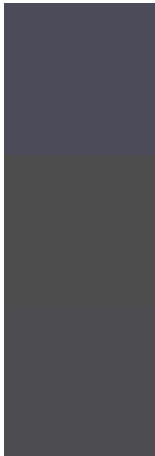
Deuteranomaly

76.3080, 6.2572, -0.2701

Tritanomaly

76.4280, 4.2260, -2.1294

Monochromacy



Original Color

76.5960, 6.1152, -1.3997

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.5700, 2.1840, -0.4999

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5960, 6.1152, -1.3997 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(75, 75, 89)` looks like.

```
.text, #text, p{  
  color:rgb(75, 75, 89)  
}
```

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(75, 75, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 75, 89) }
```

Border

The CSS property to change the border of an element to YUV 76.5960, 6.1152, -1.3997 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(75, 75, 89) }
```


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

```
.border{ border-color:rgb(75, 75, 89) }
```

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

Here you see how a box with a 4 pixel rgb(75, 75, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 75, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 75, 89);  
box-shadow:4px 4px 4px 4px rgb(75, 75, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.5960, 6.1152, -1.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 75, 89) }
```

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

```
.background{ background-color: rgb(75, 75,  
89) }
```

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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