

Converting Colors

YUV(75.6980, 8.0369, -11.1361)

Have a look what the booklet for
YUV(75.6980, 8.0369, -11.1361)
contains.

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Color

**YUV(75.6980, 8.0369,
-11.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4F5C
RGB	63, 79, 92
RGB Percent	25%, 31%, 36%
CMY	0.7529, 0.6902, 0.6392
CMYK	0.32, 0.14, 0.00, 0.64
HSL	207°, 19%, 30%
HSV	207°, 32%, 36%
XYZ	6.7776, 7.4214, 11.2005
YIQ	75.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

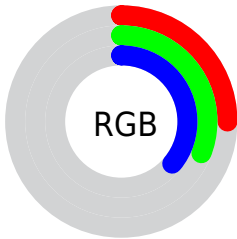
Format	Color
RYB	63, 73, 92
Decimal	4149084
CIELab	32.75, -2.78, -9.66
CIElCh	33, 10.055, 253.955
Yxy	7.4214, 0.2668, 0.2922
Android (android.graphics.Color)	4282339164 (0xFF3F4F5C)
YUV	75.6980, 8.0369, -11.1361
Hunter-Lab	27.2423, -3.2648, -5.3070

Details

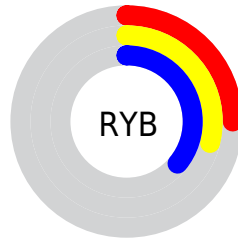
The YUV color **75.6980, 8.0369, -11.1361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.3020, -8.0369, 11.1361**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5130, 8.6211, -11.8509**, and **31.4700, 7.1633, -10.9362** is the 20% darker color. If you saturate the color by 10%, you get **70.6590, 10.5211, -14.6099**, and if you desaturate by 10%, it is **80.7370, 5.5527, -7.6623**.

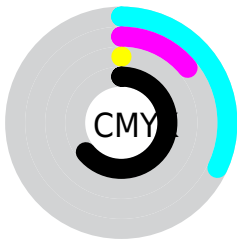
Distribution



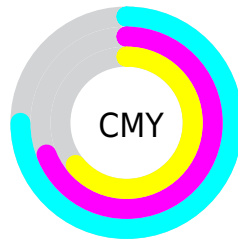
- Red (25%)
- Green (31%)
- Blue (36%)



- Red (25%)
- Yellow (29%)
- Blue (36%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6980, 8.0369, -11.1361 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 75.6980, 8.0369, -11.1361 by changing the saturation by 10% instead.

■ 75.6980, 8.0369,
-11.1361

■ 75.6980, 8.0369,
-11.1361

■ 255.0000, 0.0000,
0.0000

■ 52.5840, 7.6001,
-11.0362

■ 124.5130, 8.6211,
-11.8509

■ 31.4700, 7.1633,
-10.9362

■ 150.6270, 9.0579,
-11.9509

■ 10.5950, 7.5947,
-9.2918

■ 177.6270, 9.0579,
-11.9509

■ 0.0000, 0.0000,
0.0000

■ 204.7410, 9.4947,
-12.0509

■ 233.3280, 9.2053,
-12.5657

■ 252.6080, 1.1793,

-4.9182

■ 75.6980, 8.0369,
-11.1361

■ 75.6980, 8.0369,
-11.1361

■ 70.6590, 10.5211,
-14.6099

■ 80.7370, 5.5527,
-7.6623

■ 65.6200, 13.0053,
-18.0837

■ 85.7760, 3.0684,
-4.1886

■ 60.2820, 15.6370,
-22.1723

■ 91.1140, 0.4368,
-0.1000

■ 55.2430, 18.1212,
-25.6461

■ 96.1530, -2.0474,
3.3738

■ 49.6170, 20.8948,
-28.6051

■ 101.7790, -4.8210,
6.3328

■ 44.5780, 23.3790,
-32.0789

■ 106.8180, -7.3053,
9.8066

■ 40.4250, 25.4265,
-35.4527

■ 111.8570, -9.7895,
13.2804

■ 117.1950,
-12.4211, 17.3690

■ 122.2340,
-14.9054, 20.8428

Harmonies

Analogous

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



74.6220, 6.5954, -15.4545



75.6980, 8.0369, -11.1361



76.9270, 7.4310, -3.4440

Triad

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



75.6980, 8.0369, -11.1361



78.8060, -2.3694, 13.3251



75.3000, -5.0779, -4.6481

Complementary

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



75.6980, 8.0369, -11.1361



79.3020, -8.0369, 11.1361

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.



76.4750, -7.1362, 2.2144



75.6980, 8.0369, -11.1361



77.8830, -5.8583, 12.3806

Square

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



75.6980, 8.0369, -11.1361



78.5220, 1.7147, 10.0662



77.1060, -7.4473, 8.6770



74.2930, -1.1304, -10.7810

Rectangle

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



75.6980, 8.0369, -11.1361



78.2050, 5.8149, 1.5742



77.1060, -7.4473, 8.6770



75.4960, -5.6675, -2.1890

Sweetspot

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



75.6980, 8.0369, -11.1361



113.7760, 3.0684, -4.1886



81.5050, -2.7140, -16.2289



57.1460, 1.9000, -2.7590



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



75.6980, 8.0369, -11.1361



93.9190, 12.8579, -17.4690



67.4800, 12.0884, -3.9290



43.3310, 1.3158, -2.0443



47.7600, 30.6843, -41.8855



103.9150, 65.6109, -91.1335

Inverse Universe

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



73.4950, 2.7140, 16.2289



90.6040, 4.1392, 25.7803



87.5200, -12.0884, 3.9290



42.8370, 0.5734, 2.7740



39.7300, 9.9931, 61.6268



85.7970, 22.2851, 132.6050

Previews

White Background



This preview shows how the YUV color 75.6980, 8.0369, -11.1361 looks on a white background.

Color Contrast Check

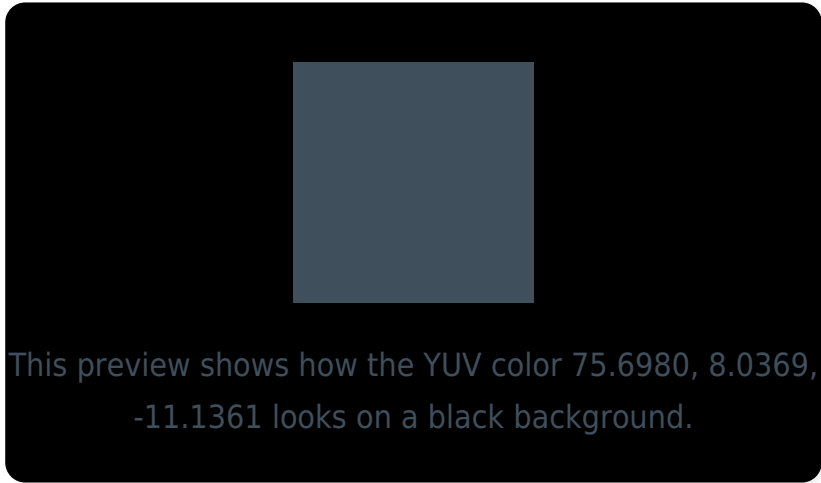
Large Text (above 18pt) WCAG AA ✓ Pass

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

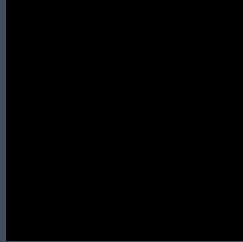
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

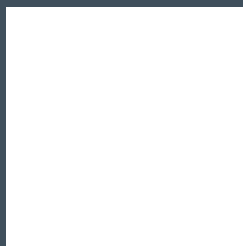
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.6980, 8.0369, -11.1361

Background



This preview shows how black text looks on a background with the YUV color 75.6980, 8.0369, -11.1361.



This preview shows how white text looks on a background with the YUV color 75.6980, 8.0369, -11.1361.

-11.1361.

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

75.6980, 8.0369, -11.1361

Protanopia

76.9980, 6.4100, -2.6292

Deuteranopia

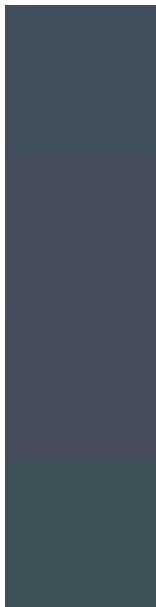
77.3510, 7.7150, -1.1848



Tritanopia

75.3020, 5.2741, -11.6659

Trichromacy



Original Color

75.6980, 8.0369, -11.1361

Protanomaly

76.5030, 7.1470, -5.7031

Deuteranomaly

76.4430, 8.1626, -4.7735

Tritanomaly

75.5300, 6.1477, -11.8658

Monochromacy



Original Color

75.6980, 8.0369, -11.1361

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7760, 3.0684, -4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6980, 8.0369, -11.1361 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(63, 79, 92)` looks like.

```
.text, #text, p{  
    color:rgb(63, 79, 92)  
}
```

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(63, 79, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 79, 92) }
```

Border

The CSS property to change the border of an element to YUV 75.6980, 8.0369, -11.1361 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(63, 79, 92) }
```


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

```
.border{ border-color:rgb(63, 79, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 79, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 79, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 79, 92);  
box-shadow:4px 4px 4px 4px rgb(63, 79, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6980, 8.0369, -11.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 79, 92) }
```

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

```
.background{ background-color: rgb(63, 79,  
92) }
```

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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