

Converting Colors

YUV(57.6980, 8.0369, -11.1361)

Have a look what the booklet for
YUV(57.6980, 8.0369, -11.1361)
contains.

YUV(57.6980, 8.0369, -11.1361)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.6980, 8.0369,
-11.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3D4A
RGB	45, 61, 74
RGB Percent	18%, 24%, 29%
CMY	0.8235, 0.7608, 0.7098
CMYK	0.39, 0.18, 0.00, 0.71
HSL	207°, 24%, 23%
HSV	207°, 39%, 29%
XYZ	3.9870, 4.3898, 7.1157
YIQ	57.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

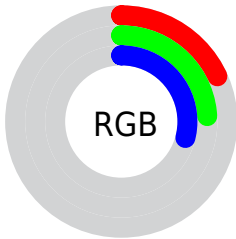
Format	Color
R_{YB}	45, 55, 74
Decimal	2964810
CIE Lab	24.92, -2.65, -10.01
CIE LCh	25, 10.353, 255.156
Yxy	4.3898, 0.2573, 0.2833
Android (android.graphics.Color)	4281154890 (0xFF2D3D4A)
YUV	57.6980, 8.0369, -11.1361
Hunter-Lab	20.9518, -2.6986, -5.4700

Details

The YUV color **57.6980, 8.0369, -11.1361** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.3020, -8.0369, 11.1361**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9260, 8.9105, -11.3361**, and **14.5730, 7.6055, -12.7805** is the 20% darker color. If you saturate the color by 10%, you get **53.8440, 9.9369, -13.8952**, and if you desaturate by 10%, it is **61.5520, 6.1369, -8.3771**.

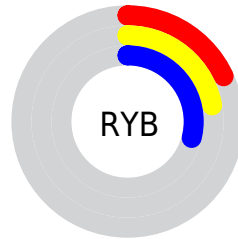
Distribution



Red (18%)

Green (24%)

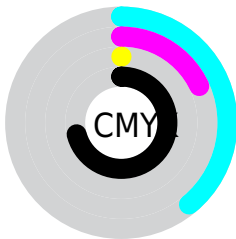
Blue (29%)



Red (18%)

Yellow (22%)

Blue (29%)

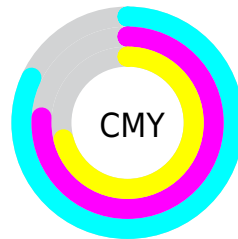


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (71%)



Cyan (82%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.6980, 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 57.6980, 8.0369, -11.1361 by changing the saturation by 10% instead.

■ 57.6980, 8.0369,
-11.1361

■ 57.6980, 8.0369,
-11.1361

■ 255.0000, 0.0000,
0.0000

■ 35.5840, 7.6001,
-11.0362

■ 104.9260, 8.9105,
-11.3361

■ 14.5730, 7.6055,
-12.7805

■ 130.5130, 8.6211,
-11.8509

■ 0.3420, 1.3104,
-0.2999

■ 156.6270, 9.0579,
-11.9509

■ 0.0000, 0.0000,
0.0000

■ 183.4420, 9.6421,
-12.6656

■ 210.8550, 9.9315,
-12.1508

■ 238.9860, 7.8949,

-12.2657

254.7010, 0.1474,
-0.6148

■ 57.6980, 8.0369,
-11.1361

■ 57.6980, 8.0369,
-11.1361

■ 53.8440, 9.9369,
-13.8952

■ 61.5520, 6.1369,
-8.3771

■ 49.1040, 12.2737,
-16.7542

■ 66.2920, 3.8000,
-5.5181

■ 45.2500, 14.1738,
-19.5132

■ 70.1460, 1.9000,
-2.7590

■ 41.0970, 16.2212,
-22.8871

■ 74.2990, -0.1474,
0.6148

■ 36.6560, 18.4106,
-25.1313

■ 78.7400, -2.3368,
2.8590

■ 32.8020, 20.3106,
-27.8904

■ 82.5940, -4.2368,
5.6181

■ 32.5030, 20.4580,
-28.5051

■ 86.7470, -6.2843,
8.9919

■ 91.1880, -8.4737,
11.2361

■ 95.3410, -10.5211,
14.6099

Harmonies

Analogous

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



56.3230, 6.7428, -16.0693



57.6980, 8.0369, -11.1361



58.9270, 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.



57.6980, 8.0369, -11.1361



60.3930, -2.6587, 12.8103



57.4140, -4.6411, -4.7481

Complementary

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



57.6980, 8.0369, -11.1361



61.3020, -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.



58.4750, -7.1362, 2.2144



57.6980, 8.0369, -11.1361



59.8830, -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.



57.6980, 8.0369, -11.1361



60.4080, 1.2779, 10.1662



59.1060, -7.4473, 8.6770



56.4070, -0.6937, -10.8809

Rectangle

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



57.6980, 8.0369, -11.1361



60.2050, 5.8149, 1.5742



59.1060, -7.4473, 8.6770



57.4960, -5.6675, -2.1890

Sweetspot

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



57.6980, 8.0369, -11.1361



90.4770, 3.2158, -4.8033



63.5050, -2.7140, -16.2289



44.4450, 1.7526, -2.1443



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



57.6980, 8.0369, -11.1361



70.9190, 12.8579, -17.4690



49.4800, 12.0884, -3.9290



36.2170, 0.8790, -1.9443



44.5000, 28.3475, -39.0265



100.7690, 63.7109, -88.3744

Inverse Universe

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



55.4950, 2.7140, 16.2289



67.6040, 4.1392, 25.7803



69.5200, -12.0884, 3.9290



35.5380, 0.7208, 2.1592



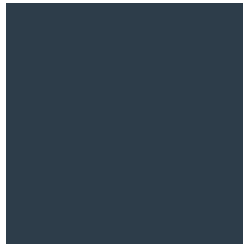
36.8820, 9.4252, 57.1085



83.2480, 21.5697, 128.7015

Previews

White Background



This preview shows how the YUV color 57.6980, 8.0369, -11.1361 looks on a white background.

Color Contrast Check

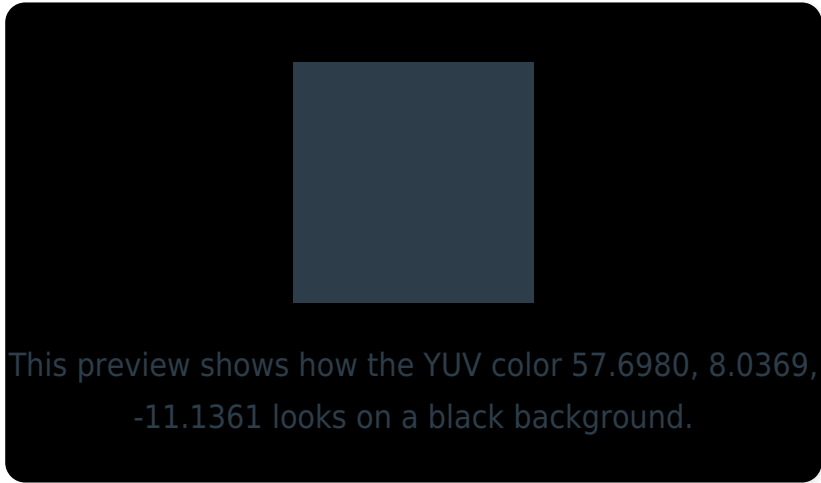
Large Text (above 18pt) WCAG AA ✓ Pass

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

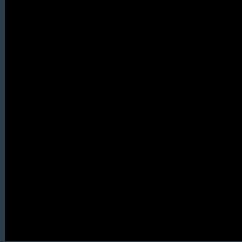
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.6980, 8.0369, -11.1361

Background



This preview shows how black text looks on a background with the YUV color 57.6980, 8.0369, -11.1361.



This preview shows how white text looks on a background with the YUV color 57.6980, 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

57.6980, 8.0369, -11.1361

Protanopia

58.9980, 6.4100, -2.6292

Deuteranopia

59.6390, 7.5730, -2.3144



Tritanopia

56.8890, 4.9847, -12.1807

Trichromacy



Original Color

57.6980, 8.0369, -11.1361

Protanomaly

58.5030, 7.1470, -5.7031

Deuteranomaly

59.0300, 7.8732, -5.2883

Tritanomaly

57.5300, 6.1477, -11.8658

Monochromacy



Original Color

57.6980, 8.0369, -11.1361

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7760, 3.0684, -4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.6980, 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(45, 61, 74)` looks like.

```
.text, #text, p{  
    color:rgb(45, 61, 74)  
}
```

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(45, 61, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 61, 74) }
```

Border

The CSS property to change the border of an element to YUV 57.6980, 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(45, 61, 74) }
```


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

```
.border{ border-color:rgb(45, 61, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 61, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 61, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 61, 74);  
box-shadow:4px 4px 4px 4px rgb(45, 61, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.6980, 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(45, 61, 74) }
```

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

```
.background{ background-color: rgb(45, 61,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor