

Converting Colors

YUV(68.4760, 4.6953, -12.6955)

Have a look what the booklet for
YUV(68.4760, 4.6953, -12.6955)
contains.

YUV(68.4760, 4.6953, -12.6955)	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(68.4760, 4.6953,
-12.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	364A4E
RGB	54, 74, 78
RGB Percent	21%, 29%, 31%
CMY	0.7882, 0.7098, 0.6941
CMYK	0.31, 0.05, 0.00, 0.69
HSL	190°, 18%, 26%
HSV	190°, 31%, 31%
XYZ	5.3452, 6.2319, 8.1289
YIQ	68.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

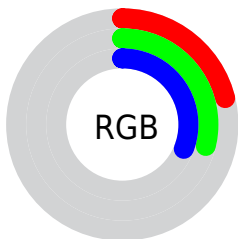
Format	Color
RYB	54, 65, 78
Decimal	3557966
CIELab	29.99, -6.67, -4.92
CIELCh	30, 8.289, 216.422
Yxy	6.2319, 0.2712, 0.3162
Android (android.graphics.Color)	4281748046 (0xFF364A4E)
YUV	68.4760, 4.6953, -12.6955
Hunter-Lab	24.9637, -5.4661, -1.8318

Details


The YUV color **68.4760, 4.6953, -12.6955** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.5240, -4.6953, 12.6955**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1770, 4.8427, -13.3102**, and **24.4760, 4.6953, -12.6955** is the 20% darker color. If you saturate the color by 10%, you get **65.4970, 6.1640, -17.0989**, and if you desaturate by 10%, it is **71.4550, 3.2267, -8.2920**.

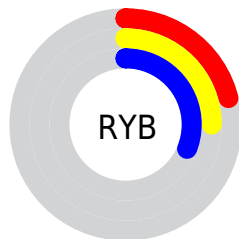
Distribution



 Red (21%)

 Green (29%)

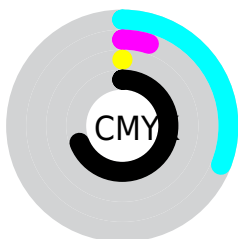
 Blue (31%)




 Red (21%)

 Yellow (25%)

 Blue (31%)

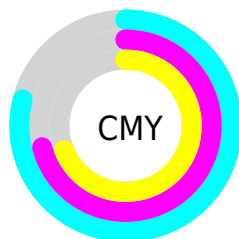


 Cyan (31%)


 Magenta (5%)

 Yellow (0%)

 Black (69%)



 Cyan (79%)

 Magenta (71%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4760, 4.6953, -12.6955 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 68.4760, 4.6953, -12.6955 by changing the saturation by 10% instead.

■ 68.4760, 4.6953,
-12.6955

■ 68.4760, 4.6953,
-12.6955

■ 255.0000, 0.0000,
0.0000

■ 45.7750, 4.5479,
-12.0807

■ 117.1770, 4.8427,
-13.3102

■ 24.4760, 4.6953,
-12.6955

■ 142.2910, 5.2795,
-13.4102

■ 1.3680, 5.2416,
-1.1997

■ 168.9920, 5.4269,
-14.0250

■ 0.0000, 0.0000,
0.0000

■ 195.9920, 5.4269,
-14.0250

■ 224.2800, 5.2850,
-15.1546

■ 249.3190, 2.8007,

-11.6808

■ 68.4760, 4.6953,
-12.6955

■ 68.4760, 4.6953,
-12.6955

■ 65.4970, 6.1640,
-17.0989

■ 71.4550, 3.2267,
-8.2920

■ 61.9310, 7.9220,
-20.9875

■ 75.0210, 1.4686,
-4.4034

■ 59.2510, 9.2433,
-24.7761

■ 77.7010, 0.1474,
-0.6148

■ 56.2720, 10.7119,
-29.1795

■ 80.6800, -1.3212,
3.7886

■ 52.7060, 12.4699,
-33.0682

■ 84.2460, -3.0793,
7.6773

■ 49.7270, 13.9386,
-37.4716

■ 87.2250, -4.5479,
12.0807

■ 47.0470, 15.2598,
-41.2602

■ 90.2040, -6.0166,
16.4841

■ 92.8840, -7.3378,
20.2727

■ 96.4500, -9.0958,
24.1614

Harmonies

Analogous

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



68.0910, 1.9271, -11.4808



68.4760, 4.6953, -12.6955



69.5410, 6.1423, -10.1215

Triad

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



68.4760, 4.6953, -12.6955



71.9130, 2.0149, 7.0923



70.4150, -6.1206, 3.1440

Complementary

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



68.4760, 4.6953, -12.6955



63.5240, -4.6953, 12.6955

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.



71.1490, -5.9895, 7.7623



68.4760, 4.6953, -12.6955



71.7240, -1.3429, 10.7661

Square

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



68.4760, 4.6953, -12.6955



71.8630, 4.5045, 1.8741



71.6270, -4.2531, 10.8511



69.7240, -4.7939, -2.3889

Rectangle

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



68.4760, 4.6953, -12.6955



69.9760, 6.4208, -6.1180



71.6270, -4.2531, 10.8511



70.7250, -6.2734, 5.5032

Sweetspot

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



68.4760, 4.6953, -12.6955



98.1350, 1.9054, -4.5034



68.5440, -5.1982, -12.7551



48.6190, 1.1738, -3.1739



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



68.4760, 4.6953, -12.6955



87.1160, 7.3378, -20.2727



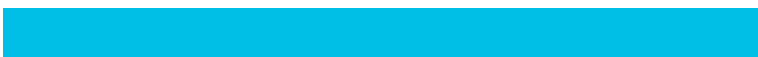
61.4320, 8.1680, -6.5179



36.8040, 0.5896, -2.4591



61.5230, 19.9552, -53.9557



138.3370, 45.1899, -121.3215

Inverse Universe

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



63.4560, 5.1982, 12.7551



79.0100, 8.3761, 20.1622



70.5680, -8.1680, 6.5179



35.6520, 1.1576, 2.0592



40.1880, 22.0923, 54.2091



90.5440, 49.5248, 122.3029

Previews

White Background



This preview shows how the YUV color 68.4760, 4.6953, -12.6955 looks on a white background.

Color Contrast Check

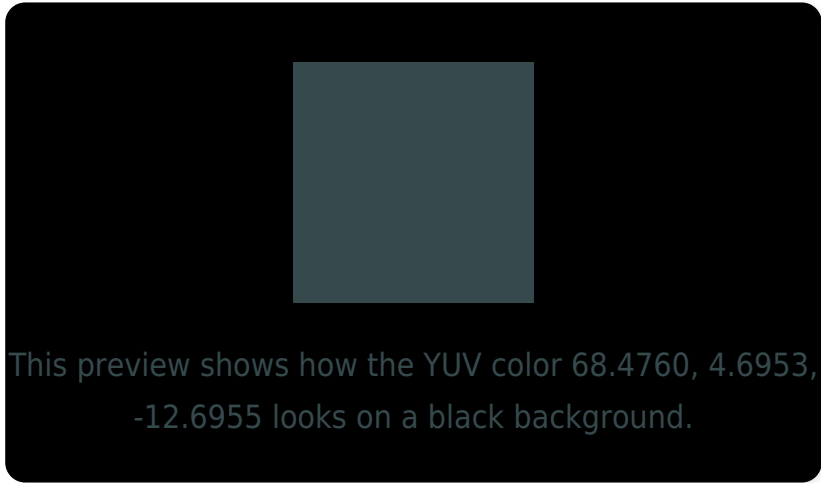
Large Text (above 18pt) WCAG AA ✓ Pass

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

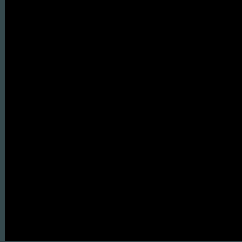
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

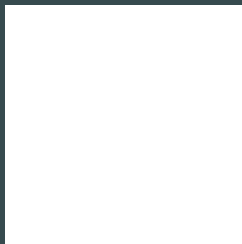
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.4760, 4.6953, -12.6955

Background



This preview shows how black text looks on a background with the YUV color 68.4760, 4.6953, -12.6955.



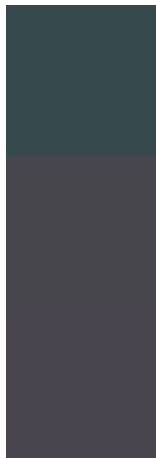
This preview shows how white text looks on a background with the YUV color 68.4760, 4.6953, -12.6955.

-12.6955.

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

68.4760, 4.6953, -12.6955

Protanopia

70.6840, 2.6208, -0.5999

Deuteranopia

71.3360, 3.7784, 1.4593



Tritanopia

68.7040, 5.5689, -12.8954

Trichromacy



Original Color

68.4760, 4.6953, -12.6955

Protanomaly

69.5910, 3.6526, -4.9033

Deuteranomaly

70.4170, 4.2314, -3.8737

Tritanomaly

68.5900, 5.1321, -12.7954

Monochromacy



Original Color

68.4760, 4.6953, -12.6955

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4760, 4.6953, -12.6955 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(54, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(54, 74, 78)  
}
```

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(54, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 74, 78) }
```

Border

The CSS property to change the border of an element to YUV 68.4760, 4.6953, -12.6955 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(54, 74, 78) }
```


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

```
.border{ border-color:rgb(54, 74, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 74, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(54, 74, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.4760, 4.6953, -12.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 74, 78) }
```

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

```
.background{ background-color: rgb(54, 74,  
78) }
```

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