

Converting Colors

YUV(67.8260, -2.8722, -12.1254)

Have a look what the booklet for
YUV(67.8260, -2.8722, -12.1254)
contains.

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Color

**YUV(67.8260, -2.8722,
-12.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	364C3E
RGB	54, 76, 62
RGB Percent	21%, 30%, 24%
CMY	0.7882, 0.7020, 0.7569
CMYK	0.29, 0.00, 0.18, 0.70
HSL	142°, 17%, 25%
HSV	142°, 29%, 30%
XYZ	4.9753, 6.3010, 5.5114
YIQ	67.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

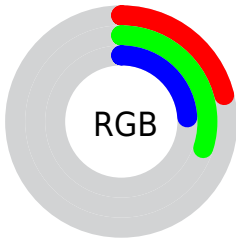
Format	Color
RYB	54, 70, 76
Decimal	3558462
CIELab	30.16, -11.93, 5.60
CIElCh	30, 13.176, 154.836
Yxy	6.3010, 0.2964, 0.3753
Android (android.graphics.Color)	4281748542 (0xFF364C3E)
YUV	67.8260, -2.8722, -12.1254
Hunter-Lab	25.1017, -8.5485, 4.5533

Details

The YUV color **67.8260, -2.8722, -12.1254** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.1740, 2.8722, 12.1254**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0000, -3.4510, -13.1550**, and **24.3530, -2.1460, -11.7106** is the 20% darker color. If you saturate the color by 10%, you get **64.8640, -3.8770, -16.5437**, and if you desaturate by 10%, it is **70.7880, -1.8675, -7.7071**.

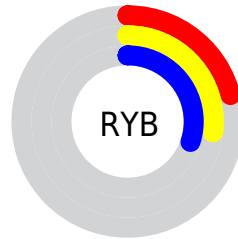
Distribution



 Red (21%)

 Green (30%)

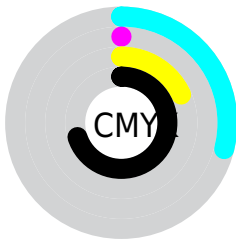
 Blue (24%)



 Red (21%)

 Yellow (27%)

 Blue (30%)

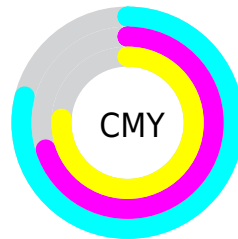


 Cyan (29%)


 Magenta (0%)

 Yellow (18%)

 Black (70%)



 Cyan (79%)

 Magenta (70%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8260, -2.8722, -12.1254 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 67.8260, -2.8722, -12.1254 by changing the saturation by 10% instead.

■ 67.8260, -2.8722,
-12.1254

■ 67.8260, -2.8722,
-12.1254

■ 255.0000, 0.0000,
0.0000

■ 45.2390, -2.5828,
-11.6106

■ 116.0000, -3.4510,
-13.1550

■ 24.3530, -2.1460,
-11.7106

■ 141.7010, -3.3036,
-13.7698

■ 0.5870, -0.2894,
-0.5148

■ 168.5870, -3.7404,
-13.6698

■ 0.0000, 0.0000,
0.0000

■ 195.2880, -3.5930,
-14.2846

■ 223.2880, -3.5930,
-14.2846

■ 247.7660, -1.8566,

-11.1958

■ 67.8260, -2.8722,
-12.1254

■ 67.8260, -2.8722,
-12.1254

■ 64.8640, -3.8770,
-16.5437

■ 70.7880, -1.8675,
-7.7071

■ 62.2010, -5.0291,
-20.3473

■ 73.4510, -0.7153,
-3.9035

■ 59.2390, -6.0338,
-24.7656

■ 76.4130, 0.2894,
0.5148

■ 56.6900, -6.7492,
-28.6691

■ 78.9620, 1.0047,
4.4183

■ 53.7280, -7.7539,
-33.0875

■ 81.9240, 2.0095,
8.8367

■ 50.7660, -8.7586,
-37.5058

■ 84.8860, 3.0142,
13.2550

■ 48.1030, -9.9108,
-41.3093

■ 87.5490, 4.1663,
17.0585

■ 47.8040, -9.7634,
-41.9241

■ 90.5110, 5.1711,
21.4769

■ 93.1740, 6.3232,
25.2804

Harmonies

Analogous

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



69.3280, -7.5567, -2.9187



67.8260, -2.8722, -12.1254



66.5630, 2.6804, -19.7878

Triad

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



67.8260, -2.8722, -12.1254



70.2900, 10.2100, -8.1473



72.2040, -6.0166, 16.4841

Complementary

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



67.8260, -2.8722, -12.1254



62.1740, 2.8722, 12.1254

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.



72.7570, -1.3592, 15.9991



67.8260, -2.8722, -12.1254



72.3730, 7.7041, 2.3039

Square

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



67.8260, -2.8722, -12.1254



67.9360, 10.3846, -17.4839



72.9890, 3.4564, 11.4106



71.0850, -8.9159, 13.0805

Rectangle

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



67.8260, -2.8722, -12.1254



66.4640, 6.1802, -22.3319



72.9890, 3.4564, 11.4106



72.2580, -4.5642, 17.3137

Sweetspot

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



67.8260, -2.8722, -12.1254



95.7390, -0.8573, -5.0331



71.1000, -8.4303, -2.7187



48.7500, -0.8628, -3.2887



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.



67.8260, -2.8722, -12.1254



86.3260, -4.5977, -18.7029



69.0800, 1.9326, -13.2252



36.5760, -0.2840, -2.2592



64.0920, -13.3564, -56.2087



144.4720, -30.3057, -126.7019

Inverse Universe

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



62.1740, 2.8722, 12.1254



77.6740, 4.5977, 18.7029



60.9200, -1.9326, 13.2252



35.5380, 0.7208, 2.1592



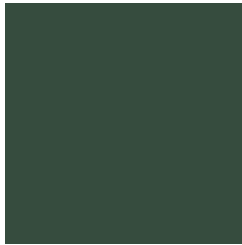
37.9080, 13.3564, 56.2087



85.4140, 29.8689, 126.8019

Previews

White Background



This preview shows how the YUV color 67.8260, -2.8722, -12.1254 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 67.8260, -2.8722, -12.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

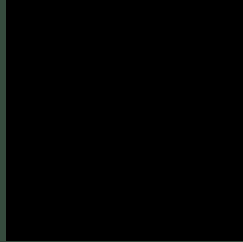
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8260, -2.8722, -12.1254

Background



This preview shows how black text looks on a background with the YUV color 67.8260, -2.8722, -12.1254.



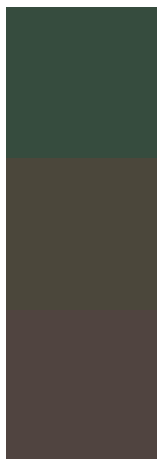
This preview shows how white text looks on a background with the YUV color 67.8260, -2.8722, -12.1254.

-12.1254.

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

67.8260, -2.8722, -12.1254

Protanopia

70.8280, -5.8312, 3.6588

Deuteranopia

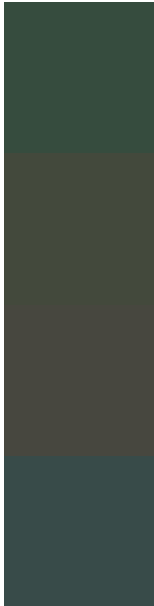
71.1320, -3.5161, 7.7772



Tritanopia

69.4870, 4.6899, -10.9511

Trichromacy



Original Color

67.8260, -2.8722, -12.1254

Protanomaly

69.7240, -4.7939, -2.3889

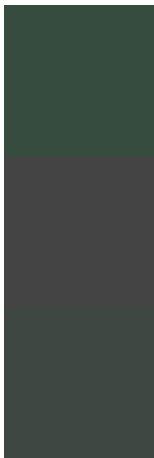
Deuteranomaly

70.0880, -3.4944, 0.7998

Tritanomaly

69.0910, 1.9271, -11.4808

Monochromacy



Original Color

67.8260, -2.8722, -12.1254

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8260, -2.8722, -12.1254 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, 76, 62)` looks like.

```
.text, #text, p{  
    color:rgb(54, 76, 62)  
}
```

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, 76, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 76, 62) }
```

Border

The CSS property to change the border of an element to YUV 67.8260, -2.8722, -12.1254 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, 76, 62) }
```


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

```
.border{ border-color:rgb(54, 76, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 76, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 76, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 76, 62);  
box-shadow:4px 4px 4px 4px rgb(54, 76, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8260, -2.8722, -12.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 76, 62) }
```

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

```
.background{ background-color: rgb(54, 76,  
62) }
```

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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