

Converting Colors

YUV(67.4010, -1.6767, -22.2767)

Have a look what the booklet for
YUV(67.4010, -1.6767, -22.2767)
contains.

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Color

**YUV(67.4010, -1.6767,
-22.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5140
RGB	42, 81, 64
RGB Percent	16%, 32%, 25%
CMY	0.8353, 0.6824, 0.7490
CMYK	0.48, 0.00, 0.21, 0.68
HSL	154°, 32%, 24%
HSV	154°, 48%, 32%
XYZ	4.8227, 6.7473, 5.8987
YIQ	67.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

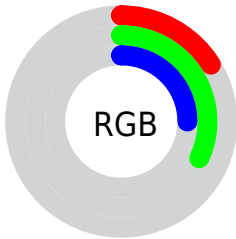
Format	Color
R_{YB}	42, 67, 81
Decimal	2773312
CIE _{Lab}	31.22, -18.45, 5.75
CIE _{LCh}	31, 19.322, 162.702
Yxy	6.7473, 0.2761, 0.3863
Android (android.graphics.Color)	4280963392 (0xFF2A5140)
YUV	67.4010, -1.6767, -22.2767
Hunter-Lab	25.9755, -12.3163, 4.7190

Details

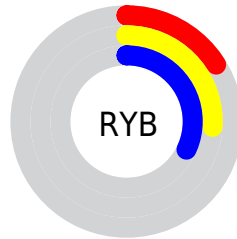
The YUV color **67.4010, -1.6767, -22.2767** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55.5990, 1.6767, 22.2767**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5750, -2.2555, -23.3063**, and **23.6400, -0.8085, -20.7323** is the 20% darker color. If you saturate the color by 10%, you get **64.5530, -2.2446, -26.7950**, and if you desaturate by 10%, it is **70.2490, -1.1088, -17.7584**.

Distribution



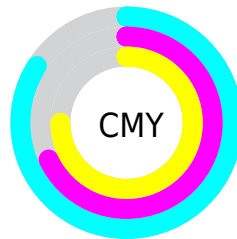
- Red (16%)
- Green (32%)
- Blue (25%)



- Red (16%)
- Yellow (26%)
- Blue (32%)



- Cyan (48%)
- Magenta (0%)
- Yellow (21%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4010, -1.6767, -22.2767 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 67.4010, -1.6767, -22.2767 by changing the saturation by 10% instead.

67.4010, -1.6767,
-22.2767

67.4010, -1.6767,
-22.2767

255.0000, 0.0000,
0.0000

44.2160, -1.0925,
-22.9914

116.5750, -2.2555,
-23.3063

23.6400, -0.8085,
-20.7323

142.1620, -2.5449,
-23.8211

4.6960, -2.3151,
-4.1184

168.7490, -2.8343,
-24.3359

0.0000, 0.0000,
0.0000

195.7490, -2.8343,
-24.3359

224.0370, -2.9762,
-25.4654

244.8190, 1.0752,

-18.2583

254.1030, 0.4422,
-1.8443

■ 67.4010, -1.6767,
-22.2767

■ 67.4010, -1.6767,
-22.2767

■ 64.5530, -2.2446,
-26.7950

■ 70.2490, -1.1088,
-17.7584

■ 61.8190, -2.3758,
-31.4133

■ 72.9830, -0.9776,
-13.1401

■ 58.9710, -2.9437,
-35.9316

■ 75.8310, -0.4097,
-8.6218

■ 56.2370, -3.0748,
-40.5498

■ 78.5650, -0.2785,
-4.0035

■ 53.0900, -3.4954,
-45.6829

■ 81.7120, 0.1420,
1.1296

■ 52.7910, -3.3480,
-46.2977

■ 84.4460, 0.2731,
5.7479

■ 87.2940, 0.8411,
10.2662

■ 90.0280, 0.9722,
14.8844

■ 92.8760, 1.5401,
19.4027

Harmonies

Analogous

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



70.1270, -9.4296, -8.8814



67.4010, -1.6767, -22.2767



64.4300, 7.6760, -35.4571

Triad

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



67.4010, -1.6767, -22.2767



73.4300, 14.5780, -9.1471



74.5100, -10.1114, 23.2317

Complementary

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



67.4010, -1.6767, -22.2767



55.5990, 1.6767, 22.2767

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.



74.9430, -3.4229, 24.6060



67.4010, -1.6767, -22.2767



75.0900, 10.3086, 6.9371

Square

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



67.4010, -1.6767, -22.2767



68.1890, 16.6688, -26.4758



75.7450, 3.5767, 19.5176



73.4290, -14.0155, 15.4098

Rectangle

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



67.4010, -1.6767, -22.2767



62.7760, 12.9284, -40.1456



75.7450, 3.5767, 19.5176



74.0910, -7.9329, 24.4762

Sweetspot

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



67.4010, -1.6767, -22.2767



99.7170, -0.8465, -8.5218



70.2750, -13.9396, -9.0112



50.5540, -0.2731, -5.7479



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.4010, -1.6767, -22.2767



83.6830, -2.8017, -34.8020



68.1650, 6.3277, -22.9467



39.5760, -0.2840, -2.2592



68.3610, -4.6150, -59.9526



151.1180, -9.9182, -132.5305

Inverse Universe

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



55.5990, 1.6767, 22.2767



65.2030, 2.3649, 34.9020



54.8350, -6.3277, 22.9467



38.3100, -0.1528, 2.3591



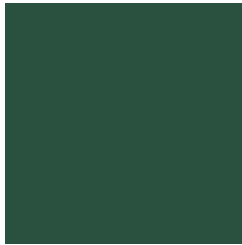
36.6390, 4.6150, 59.9526



80.8820, 9.9182, 132.5305

Previews

White Background



This preview shows how the YUV color 67.4010, -1.6767, -22.2767 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 67.4010, -1.6767, -22.2767 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 67.4010, -1.6767, -22.2767

Background



This preview shows how black text looks on a background with the YUV color 67.4010, -1.6767, -22.2767.



This preview shows how white text looks on a background with the YUV color 67.4010, -1.6767, -22.2767.

-22.2767.

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

67.4010, -1.6767, -22.2767

Protanopia

72.7140, -6.2680, 3.7588

Deuteranopia

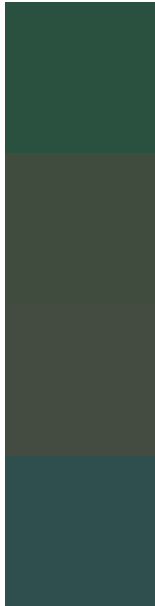
74.0180, -3.9529, 7.8772



Tritanopia

69.8280, 7.4798, -19.1432

Trichromacy



Original Color

67.4010, -1.6767, -22.2767

Protanomaly

70.7020, -4.7831, -5.8777

Deuteranomaly

71.7670, -3.3361, -3.3037

Tritanomaly

68.9050, 3.9908, -20.0877

Monochromacy



Original Color

67.4010, -1.6767, -22.2767

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4010, -1.6767, -22.2767 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(42, 81, 64)` looks like.

```
.text, #text, p{  
    color:rgb(42, 81, 64)  
}
```

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(42, 81, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 81, 64) }
```

Border

The CSS property to change the border of an element to YUV 67.4010, -1.6767, -22.2767 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(42, 81, 64) }
```


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

```
.border{ border-color:rgb(42, 81, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 81, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 81, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 81, 64);  
box-shadow:4px 4px 4px 4px rgb(42, 81, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4010, -1.6767, -22.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 81, 64) }
```

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

```
.background{ background-color: rgb(42, 81,  
64) }
```

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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