

Converting Colors

YUV(66.5480, -1.2562, -17.1436)

Have a look what the booklet for
YUV(66.5480, -1.2562, -17.1436)
contains.

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Color

**YUV(66.5480, -1.2562,
-17.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4D40
RGB	47, 77, 64
RGB Percent	18%, 30%, 25%
CMY	0.8157, 0.6980, 0.7490
CMYK	0.39, 0.00, 0.17, 0.70
HSL	154°, 24%, 24%
HSV	154°, 39%, 30%
XYZ	4.7516, 6.2823, 5.8127
YIQ	66.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

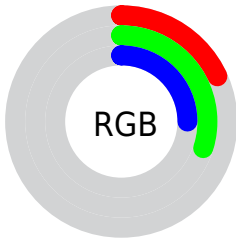
Format	Color
RYB	47, 66, 77
Decimal	3099968
CIELab	30.11, -14.57, 4.20
CIELCh	30, 15.167, 163.926
Yxy	6.2823, 0.2821, 0.3729
Android (android.graphics.Color)	4281290048 (0xFF2F4D40)
YUV	66.5480, -1.2562, -17.1436
Hunter-Lab	25.0644, -10.0237, 3.7953

Details

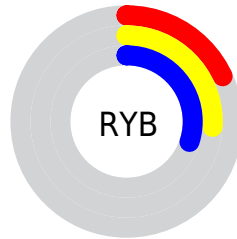
The YUV color **66.5480, -1.2562, -17.1436** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.4520, 1.2562, 17.1436**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8360, -1.3981, -18.2732**, and **22.7760, -0.3826, -17.3436** is the 20% darker color. If you saturate the color by 10%, you get **63.8140, -1.3873, -21.7619**, and if you desaturate by 10%, it is **69.2820, -1.1250, -12.5253**.

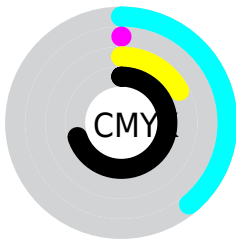
Distribution



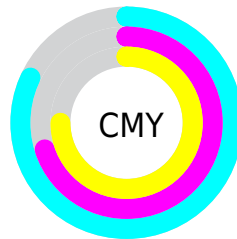
- Red (18%)
- Green (30%)
- Blue (25%)



- Red (18%)
- Yellow (26%)
- Blue (30%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (70%)



- Cyan (82%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5480, -1.2562, -17.1436 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 66.5480, -1.2562, -17.1436 by changing the saturation by 10% instead.

■ 66.5480, -1.2562,
-17.1436

■ 66.5480, -1.2562,
-17.1436

■ 255.0000, 0.0000,
0.0000

■ 43.9610, -0.9668,
-16.6288

■ 114.8360, -1.3981,
-18.2732

■ 22.7760, -0.3826,
-17.3436

■ 140.4230, -1.6875,
-18.7880

■ 0.5870, -0.2894,
-0.5148

■ 167.0100, -1.9769,
-19.3028

■ 0.0000, 0.0000,
0.0000

■ 194.0100, -1.9769,
-19.3028

■ 222.5970, -2.2663,
-19.8176

■ 246.0150, 0.4856,

-15.7992

■ 66.5480, -1.2562,
-17.1436

■ 66.5480, -1.2562,
-17.1436

■ 63.8140, -1.3873,
-21.7619

■ 69.2820, -1.1250,
-12.5253

■ 61.2650, -2.1026,
-25.6654

■ 71.8310, -0.4097,
-8.6218

■ 58.5310, -2.2338,
-30.2837

■ 74.5650, -0.2785,
-4.0035

■ 55.7970, -2.3649,
-34.9020

■ 77.2990, -0.1474,
0.6148

■ 53.2480, -3.0803,
-38.8055

■ 80.1470, 0.4205,
5.1331

■ 50.5140, -3.2114,
-43.4238

■ 82.5820, 0.6991,
9.1366

■ 50.2150, -3.0640,
-44.0386

■ 85.3160, 0.8302,
13.7549

■ 88.1640, 1.3981,
18.2732

■ 90.5990, 1.6767,
22.2767

Harmonies

Analogous

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



68.1210, -6.9617, -7.1221



66.5480, -1.2562, -17.1436



64.6270, 5.6069, -25.1059

Triad

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



66.5480, -1.2562, -17.1436



70.9420, 11.3676, -6.0881



71.6450, -8.2060, 18.7283

Complementary

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



66.5480, -1.2562, -17.1436



57.4520, 1.2562, 17.1436

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.



72.3230, -3.1172, 19.8877



66.5480, -1.2562, -17.1436



72.3950, 7.6933, 5.7926

Square

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



66.5480, -1.2562, -17.1436



68.0930, 12.2792, -18.4986



72.7830, 2.5720, 15.0993



70.8030, -11.2419, 12.4508

Rectangle

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



66.5480, -1.2562, -17.1436



64.9410, 9.3961, -27.1353



72.7830, 2.5720, 15.0993



71.6990, -6.7536, 19.5580

Sweetspot

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



66.5480, -1.2562, -17.1436



95.1410, -0.5625, -6.2627



68.4970, -10.5980, -7.4519



48.5650, -0.2785, -4.0035



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.



66.5480, -1.2562, -17.1436



82.9660, -1.9552, -26.2802



66.8560, 5.0010, -17.4137



36.6900, 0.1528, -2.3591



66.4860, -4.1836, -58.3082



149.8300, -9.7762, -131.4009

Inverse Universe

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



57.4520, 1.2562, 17.1436



69.0340, 1.9552, 26.2802



57.1440, -5.0010, 17.4137



35.4240, 0.2840, 2.2592



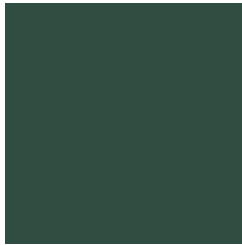
35.5140, 4.1836, 58.3082



80.0560, 9.3394, 131.5009

Previews

White Background



This preview shows how the YUV color 66.5480, -1.2562, -17.1436 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 66.5480, -1.2562, -17.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

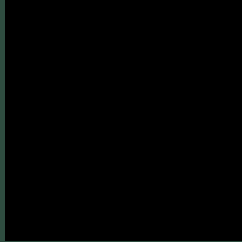
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

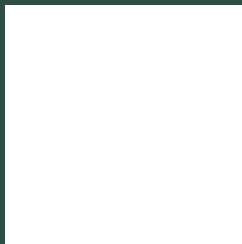
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.5480, -1.2562, -17.1436

Background



This preview shows how black text looks on a background with the YUV color 66.5480, -1.2562, -17.1436.



This preview shows how white text looks on a background with the YUV color 66.5480, -1.2562,

-17.1436.

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

66.5480, -1.2562, -17.1436

Protanopia

70.1700, -4.5208, 3.3589

Deuteranopia

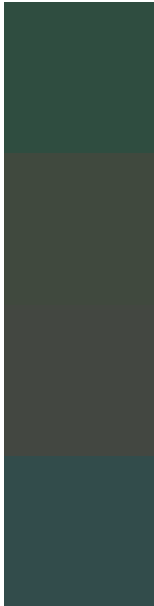
71.0610, -2.4951, 6.9625



Tritanopia

68.5080, 6.1586, -15.3545

Trichromacy



Original Color

66.5480, -1.2562, -17.1436

Protanomaly

69.0550, -3.4781, -4.4332

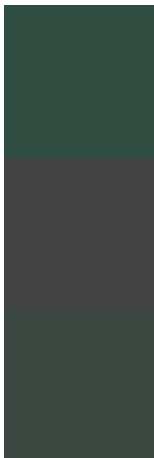
Deuteranomaly

69.1200, -2.0312, -1.8592

Tritanomaly

68.1120, 3.3958, -15.8842

Monochromacy



Original Color

66.5480, -1.2562, -17.1436

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5480, -1.2562, -17.1436 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(47, 77, 64)` looks like.

```
.text, #text, p{  
    color:rgb(47, 77, 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(47, 77, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 77, 64) }
```

Border

The CSS property to change the border of an element to YUV 66.5480, -1.2562, -17.1436 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(47, 77, 64) }
```


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

```
.border{ border-color:rgb(47, 77, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 77, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 77, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 77, 64);  
box-shadow:4px 4px 4px 4px rgb(47, 77, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5480, -1.2562, -17.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 77, 64) }
```

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

```
.background{ background-color: rgb(47, 77,  
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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