

Converting Colors

YUV(66.5400, 7.6218, -18.0136)

Have a look what the booklet for
YUV(66.5400, 7.6218, -18.0136)
contains.

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Color

**YUV(66.5400, 7.6218,
-18.0136)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4A52
RGB	46, 74, 82
RGB Percent	18%, 29%, 32%
CMY	0.8196, 0.7098, 0.6784
CMYK	0.44, 0.10, 0.00, 0.68
HSL	193°, 28%, 25%
HSV	193°, 44%, 32%
XYZ	5.0985, 6.0876, 8.8889
YIQ	66.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

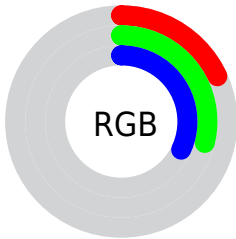
Format	Color
R_{YB}	46, 62, 82
Decimal	3033682
CIE Lab	29.63, -8.12, -8.08
CIE LCh	30, 11.460, 224.868
Yxy	6.0876, 0.2540, 0.3032
Android (android.graphics.Color)	4281223762 (0xFF2E4A52)
YUV	66.5400, 7.6218, -18.0136
Hunter-Lab	24.6731, -6.2923, -4.0892

Details

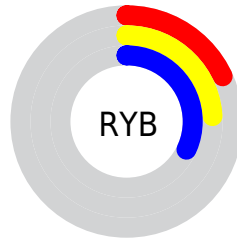
The YUV color **66.5400, 7.6218, -18.0136** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.4600, -7.6218, 18.0136**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2410, 7.7692, -18.6284**, and **21.8280, 7.4798, -19.1432** is the 20% darker color. If you saturate the color by 10%, you get **62.9740, 9.3798, -21.9022**, and if you desaturate by 10%, it is **70.1060, 5.8637, -14.1250**.

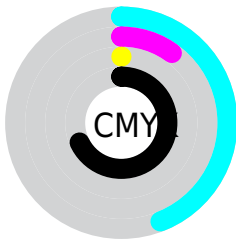
Distribution



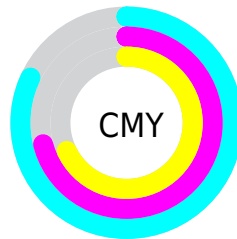
- Red (18%)
- Green (29%)
- Blue (32%)



- Red (18%)
- Yellow (24%)
- Blue (32%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5400, 7.6218, -18.0136 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 66.5400, 7.6218, -18.0136 by changing the saturation by 10% instead.

■ 66.5400, 7.6218,
-18.0136

■ 66.5400, 7.6218,
-18.0136

■ 255.0000, 0.0000,
0.0000

■ 43.5400, 7.6218,
-18.0136

■ 115.2410, 7.7692,
-18.6284

■ 21.8280, 7.4798,
-19.1432

■ 140.3550, 8.2060,
-18.7283

■ 2.5250, 7.1362,
-2.2144

■ 167.0560, 8.3534,
-19.3431

■ 0.0000, 0.0000,
0.0000

■ 194.7570, 8.5008,
-19.9579

■ 222.7570, 8.5008,
-19.9579

■ 246.9270, 3.9800,

-16.5990

■ 66.5400, 7.6218,
-18.0136

■ 66.5400, 7.6218,
-18.0136

■ 62.9740, 9.3798,
-21.9022

■ 70.1060, 5.8637,
-14.1250

■ 59.4080, 11.1379,
-25.7908

■ 73.6720, 4.1057,
-10.2363

■ 56.1300, 12.7539,
-30.8090

■ 76.9500, 2.4896,
-5.2182

■ 52.5640, 14.5119,
-34.6976

■ 80.5160, 0.7316,
-1.3295

■ 48.9980, 16.2700,
-38.5862

■ 84.0820, -1.0264,
2.5591

■ 46.9160, 17.2964,
-41.1453

■ 87.6480, -2.7845,
6.4477

■ 91.2140, -4.5425,
10.3363

■ 95.0790, -6.4479,
14.8397

■ 98.0580, -7.9166,
19.2431

Harmonies

Analogous

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



66.2150, 3.8380, -17.7286



66.5400, 7.6218, -18.0136



68.3280, 9.2053, -12.5657

Triad

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



66.5400, 7.6218, -18.0136



71.5330, 1.7092, 11.8106



69.2470, -8.0098, 2.4144

Complementary

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



66.5400, 7.6218, -18.0136



61.4600, -7.6218, 18.0136

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.



70.1770, -8.4683, 9.4918



66.5400, 7.6218, -18.0136



71.4040, -2.6642, 14.5547

Square

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



66.5400, 7.6218, -18.0136



71.1130, 5.3673, 5.1629



70.7800, -6.3005, 14.2249



67.8870, -5.3673, -5.1629

Rectangle

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



66.5400, 7.6218, -18.0136



69.2470, 8.7522, -7.2326



70.7800, -6.3005, 14.2249



69.4430, -8.5994, 4.8735

Sweetspot

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



66.5400, 7.6218, -18.0136



101.0530, 2.9319, -7.0625



68.0440, -6.9237, -19.3326



50.1350, 1.9054, -4.5034



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.



66.5400, 7.6218, -18.0136



82.3260, 12.1643, -28.3499



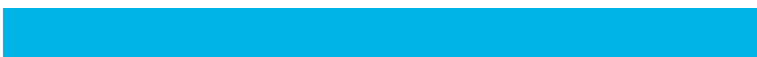
55.9740, 12.8308, -8.7472



39.2170, 0.8790, -1.9443



59.5170, 22.4231, -52.1964



132.1080, 49.2468, -115.8587

Inverse Universe

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



59.9560, 6.9237, 19.3326



72.0590, 10.8169, 30.6433



72.0260, -12.8308, 8.7472



38.5380, 0.7208, 2.1592



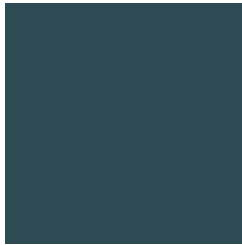
40.6290, 19.9029, 56.4534



89.8880, 44.4252, 124.6322

Previews

White Background



This preview shows how the YUV color 66.5400, 7.6218, -18.0136 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 66.5400, 7.6218, -18.0136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

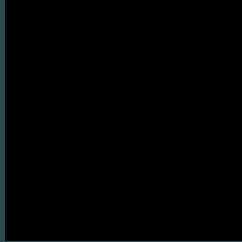
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5400, 7.6218, -18.0136

Background



This preview shows how black text looks on a background with the YUV color 66.5400, 7.6218, -18.0136.



This preview shows how white text looks on a background with the YUV color 66.5400, 7.6218, -18.0136.

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

66.5400, 7.6218, -18.0136

Protanopia

69.8410, 4.5154, -1.6146

Deuteranopia

70.3080, 6.2572, -0.2701



Tritanopia

66.0130, 6.8956, -18.4284

Trichromacy



Original Color

66.5400, 7.6218, -18.0136

Protanomaly

68.7370, 5.5527, -7.6623

Deuteranomaly

68.7910, 7.0050, -6.8327

Tritanomaly

66.1270, 7.3324, -18.5284

Monochromacy



Original Color

66.5400, 7.6218, -18.0136

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5400, 7.6218, -18.0136 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(46, 74, 82)` looks like.

```
.text, #text, p{  
    color:rgb(46, 74, 82)  
}
```

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(46, 74, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 74, 82) }
```

Border

The CSS property to change the border of an element to YUV 66.5400, 7.6218, -18.0136 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(46, 74, 82) }
```


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

```
.border{ border-color:rgb(46, 74, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 74, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 74, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 74, 82);  
box-shadow:4px 4px 4px 4px rgb(46, 74, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5400, 7.6218, -18.0136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 74, 82) }
```

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

```
.background{ background-color: rgb(46, 74,  
82) }
```

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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