

Converting Colors

YUV(66.2800, 5.2850, -15.1546)

Have a look what the booklet for
YUV(66.2800, 5.2850, -15.1546)
contains.

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Color

**YUV(66.2800, 5.2850,
-15.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	31494D
RGB	49, 73, 77
RGB Percent	19%, 29%, 30%
CMY	0.8078, 0.7137, 0.6980
CMYK	0.36, 0.05, 0.00, 0.70
HSL	189°, 22%, 25%
HSV	189°, 36%, 30%
XYZ	4.9887, 5.9539, 7.9075
YIQ	66.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

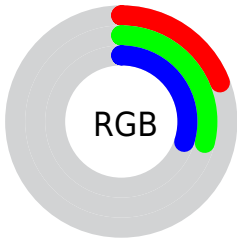
Format	Color
R_{YB}	49, 62, 77
Decimal	3230029
CIE Lab	29.30, -8.03, -5.35
CIE LCh	29, 9.651, 213.643
Yxy	5.9539, 0.2647, 0.3159
Android (android.graphics.Color)	4281420109 (0xFF31494D)
YUV	66.2800, 5.2850, -15.1546
Hunter-Lab	24.4006, -6.2065, -2.1336

Details

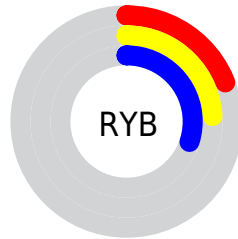
The YUV color **66.2800, 5.2850, -15.1546** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.7200, -5.2850, 15.1546**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6820, 5.5798, -16.3841**, and **22.2800, 5.2850, -15.1546** is the 20% darker color. If you saturate the color by 10%, you get **63.3010, 6.7536, -19.5580**, and if you desaturate by 10%, it is **69.2590, 3.8163, -10.7511**.

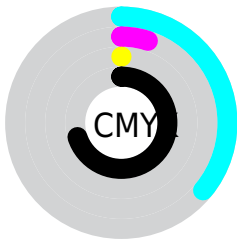
Distribution



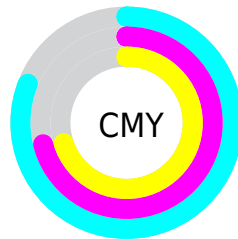
- Red (19%)
- Green (29%)
- Blue (30%)



- Red (19%)
- Yellow (24%)
- Blue (30%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2800, 5.2850, -15.1546 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 66.2800, 5.2850, -15.1546 by changing the saturation by 10% instead.

■ 66.2800, 5.2850,
-15.1546

■ 66.2800, 5.2850,
-15.1546

■ 255.0000, 0.0000,
0.0000

■ 43.5790, 5.1376,
-14.5398

■ 114.6820, 5.5798,
-16.3841

■ 22.2800, 5.2850,
-15.1546

■ 140.0950, 5.8692,
-15.8693

■ 1.1400, 4.3680,
-0.9998

■ 166.6820, 5.5798,
-16.3841

■ 0.0000, 0.0000,
0.0000

■ 193.4970, 6.1640,
-17.0989

■ 221.4970, 6.1640,
-17.0989

■ 247.5250, 3.6852,

-15.3694

■ 66.2800, 5.2850,
-15.1546

■ 66.2800, 5.2850,
-15.1546

■ 63.3010, 6.7536,
-19.5580

■ 69.2590, 3.8163,
-10.7511

■ 60.6210, 8.0748,
-23.3466

■ 71.9390, 2.4951,
-6.9625

■ 57.6420, 9.5435,
-27.7500

■ 74.9180, 1.0264,
-2.5591

■ 54.6630, 11.0121,
-32.1535

■ 77.8970, -0.4422,
1.8443

■ 51.9830, 12.3334,
-35.9421

■ 80.8760, -1.9109,
6.2477

■ 48.4170, 14.0914,
-39.8307

■ 84.1430, -3.5215,
9.5216

■ 47.5200, 14.5336,
-41.6750

■ 87.1220, -4.9901,
13.9250

■ 90.1010, -6.4588,
18.3284

■ 92.7810, -7.7800,
22.1171

Harmonies

Analogous

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



66.0800, 1.9326, -13.2252



66.2800, 5.2850, -15.1546



67.4590, 7.1687, -12.6805

Triad

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



66.2800, 5.2850, -15.1546



70.7390, 2.5937, 8.1219



68.7850, -7.2890, 4.5736

Complementary

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



66.2800, 5.2850, -15.1546



59.7200, -5.2850, 15.1546

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.



69.3450, -6.5791, 10.2214



66.2800, 5.2850, -15.1546



70.4360, -1.2009, 11.8956

Square

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



66.2800, 5.2850, -15.1546



70.0910, 5.3781, 1.6742



69.6380, -4.2585, 12.5955



67.9090, -5.3781, -1.6742

Rectangle

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



66.2800, 5.2850, -15.1546



68.3070, 7.7366, -8.1622



69.6380, -4.2585, 12.5955



68.7960, -7.2944, 6.3179

Sweetspot

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



66.2800, 5.2850, -15.1546



95.4230, 1.7635, -5.6330



65.8920, -6.3558, -14.8143



48.3200, 1.3212, -3.7886



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.



66.2800, 5.2850, -15.1546



82.6210, 8.0748, -23.3466



58.0620, 9.3364, -7.9474



36.8040, 0.5896, -2.4591



62.6970, 19.3764, -54.9853



141.8590, 43.4535, -124.4103

Inverse Universe

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



60.1080, 6.3558, 14.8143



73.0750, 9.8230, 22.7362



67.9380, -9.3364, 7.9474



35.6520, 1.1576, 2.0592



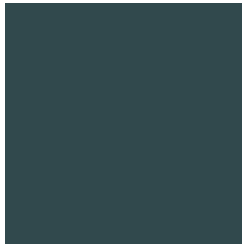
40.4160, 22.9659, 54.0092



91.2280, 52.1456, 121.7030

Previews

White Background



This preview shows how the YUV color 66.2800, 5.2850, -15.1546 looks on a white background.

Color Contrast Check

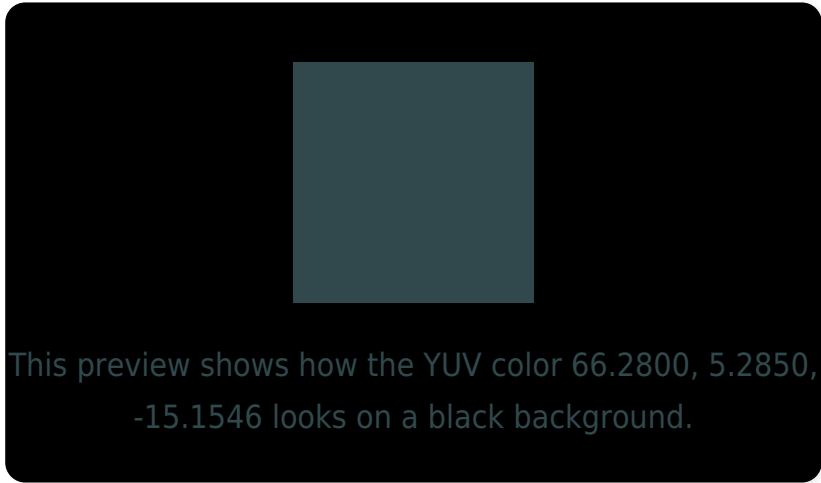
Large Text (above 18pt) WCAG AA ✓ Pass

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

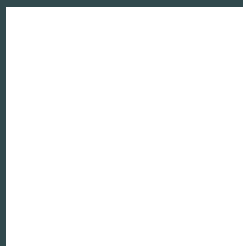
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.2800, 5.2850, -15.1546

Background



This preview shows how black text looks on a background with the YUV color 66.2800, 5.2850, -15.1546.



This preview shows how white text looks on a background with the YUV color 66.2800, 5.2850,

-15.1546.

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

66.2800, 5.2850, -15.1546

Protanopia

68.9830, 2.4734, 0.0149

Deuteranopia

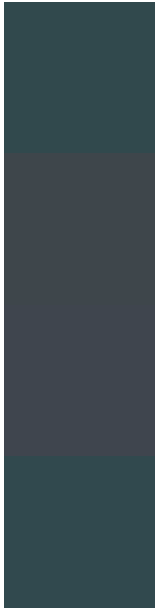
69.4500, 4.2151, 1.3593



Tritanopia

66.5080, 6.1586, -15.3545

Trichromacy



Original Color

66.2800, 5.2850, -15.1546

Protanomaly

68.1780, 3.3632, -5.4181

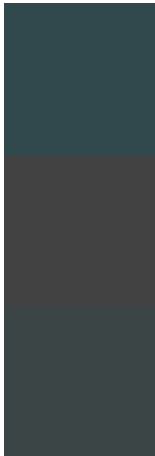
Deuteranomaly

68.2320, 4.8156, -4.5885

Tritanomaly

66.3940, 5.7218, -15.2545

Monochromacy



Original Color

66.2800, 5.2850, -15.1546

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.4230, 1.7635, -5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2800, 5.2850, -15.1546 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(49, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(49, 73, 77)  
}
```

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(49, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 73, 77) }
```

Border

The CSS property to change the border of an element to YUV 66.2800, 5.2850, -15.1546 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(49, 73, 77) }
```


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

```
.border{ border-color:rgb(49, 73, 77) }
```

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

Here you see how a box with a 4 pixel rgb(49, 73, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(49, 73, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.2800, 5.2850, -15.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 73, 77) }
```

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

```
.background{ background-color: rgb(49, 73,  
77) }
```

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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