

Converting Colors

YUV(65.2690, 5.2904, -16.8989)

Have a look what the booklet for
YUV(65.2690, 5.2904, -16.8989)
contains.

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Color

**YUV(65.2690, 5.2904,
-16.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	2E494C
RGB	46, 73, 76
RGB Percent	18%, 29%, 30%
CMY	0.8196, 0.7137, 0.7020
CMYK	0.39, 0.04, 0.00, 0.70
HSL	186°, 25%, 24%
HSV	186°, 39%, 30%
XYZ	4.8138, 5.8677, 7.7163
YIQ	65.2690, -17.0550, -4.7910

Conversions

Conversions Part 2

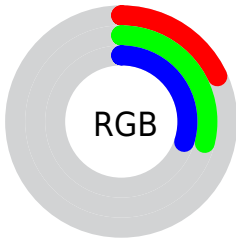
Format	Color
RYB	46, 60, 76
Decimal	3033420
CIELab	29.08, -9.30, -5.05
CIELCh	29, 10.584, 208.483
Yxy	5.8677, 0.2616, 0.3189
Android (android.graphics.Color)	4281223500 (0xFF2E494C)
YUV	65.2690, 5.2904, -16.8989
Hunter-Lab	24.2234, -6.9188, -1.9304

Details

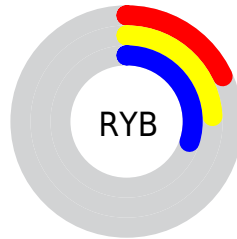
The YUV color **65.2690, 5.2904, -16.8989** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **56.7310, -5.2904, 16.8989**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9700, 5.4378, -17.5137**, and **20.9700, 5.4378, -17.5137** is the 20% darker color. If you saturate the color by 10%, you get **62.2900, 6.7590, -21.3023**, and if you desaturate by 10%, it is **68.2480, 3.8217, -12.4955**.

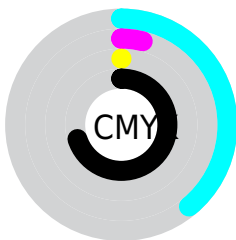
Distribution



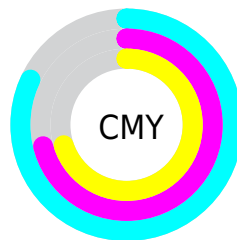
- Red (18%)
- Green (29%)
- Blue (30%)



- Red (18%)
- Yellow (24%)
- Blue (30%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.2690, 5.2904, -16.8989 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 65.2690, 5.2904, -16.8989 by changing the saturation by 10% instead.

■ 65.2690, 5.2904,
-16.8989

■ 65.2690, 5.2904,
-16.8989

■ 255.0000, 0.0000,
0.0000

■ 42.2690, 5.2904,
-16.8989

■ 113.9700, 5.4378,
-17.5137

■ 20.9700, 5.4378,
-17.5137

■ 139.0840, 5.8746,
-17.6137

■ 0.9120, 3.4944,
-0.7998

■ 165.6710, 5.5852,
-18.1285

■ 0.0000, 0.0000,
0.0000

■ 192.4860, 6.1694,
-18.8432

■ 221.0730, 5.8800,
-19.3580

■ 246.6280, 4.1274,

-17.2138

■ 65.2690, 5.2904,
-16.8989

■ 65.2690, 5.2904,
-16.8989

■ 62.2900, 6.7590,
-21.3023

■ 68.2480, 3.8217,
-12.4955

■ 59.6100, 8.0803,
-25.0910

■ 70.9280, 2.5005,
-8.7069

■ 57.2180, 9.2595,
-30.0092

■ 73.3200, 1.3212,
-3.7886

■ 54.5380, 10.5808,
-33.7978

■ 76.0000, 0.0000,
0.0000

■ 51.5590, 12.0494,
-38.2012

■ 78.9790, -1.4686,
4.4034

■ 48.5800, 13.5181,
-42.6047

■ 81.9580, -2.9373,
8.8068

■ 84.0510, -3.9691,
13.1103

■ 87.0300, -5.4378,
17.5137

■ 89.7100, -6.7590,
21.3023

Harmonies

Analogous

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



65.2540, 1.3538, -14.2548



65.2690, 5.2904, -16.8989



66.2630, 7.7583, -15.1397

Triad

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



65.2690, 5.2904, -16.8989



69.9670, 3.4673, 7.9219



68.2690, -8.0206, 5.9031

Complementary

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



65.2690, 5.2904, -16.8989



56.7310, -5.2904, 16.8989

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.



68.9430, -6.8739, 11.4510



65.2690, 5.2904, -16.8989



69.9630, -0.4748, 12.3104

Square

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



65.2690, 5.2904, -16.8989



69.4220, 6.6940, -0.3701



69.3500, -4.1165, 13.7251



66.9800, -6.3991, -0.8595

Rectangle

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



65.2690, 5.2904, -16.8989



67.1110, 8.3263, -10.6213



69.3500, -4.1165, 13.7251



68.6930, -7.7366, 8.1622

Sweetspot

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



65.2690, 5.2904, -16.8989



95.1240, 1.9109, -6.2477



63.9520, -7.3713, -15.7439



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.



65.2690, 5.2904, -16.8989



82.8980, 7.9383, -26.2205



56.4640, 9.6312, -9.1769



36.8040, 0.5896, -2.4591



65.6320, 17.9294, -57.5593



147.7290, 40.5596, -129.5583

Inverse Universe

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



58.0480, 7.3713, 15.7439



71.5420, 11.5648, 24.0807



65.5360, -9.6312, 9.1769



35.6520, 1.1576, 2.0592



40.9860, 25.1499, 53.5093



92.3680, 56.5136, 120.7033

Previews

White Background



This preview shows how the YUV color 65.2690, 5.2904, -16.8989 looks on a white background.

Color Contrast Check

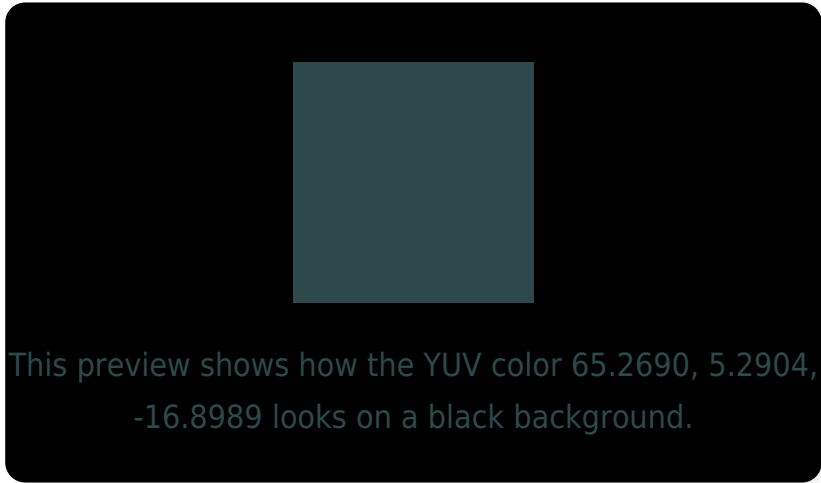
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.2690, 5.2904, -16.8989

Background



This preview shows how black text looks on a background with the YUV color 65.2690, 5.2904, -16.8989.



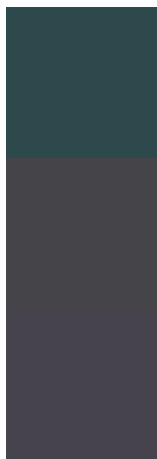
This preview shows how white text looks on a background with the YUV color 65.2690, 5.2904, -16.8989.

-16.8989.

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

65.2690, 5.2904, -16.8989

Protanopia

68.5700, 2.1840, -0.4999

Deuteranopia

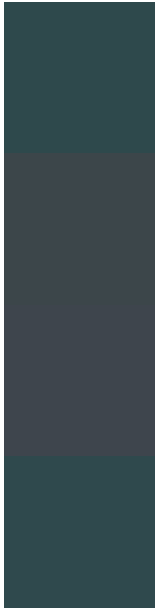
69.3360, 3.7784, 1.4593



Tritanopia

65.7960, 6.0166, -16.4841

Trichromacy



Original Color

65.2690, 5.2904, -16.8989

Protanomaly

67.4660, 3.2213, -6.5477

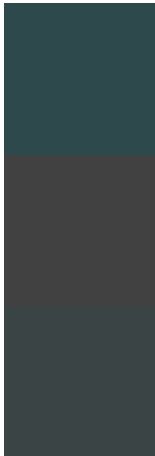
Deuteranomaly

67.8190, 4.5262, -5.1033

Tritanomaly

65.6820, 5.5798, -16.3841

Monochromacy



Original Color

65.2690, 5.2904, -16.8989

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2690, 5.2904, -16.8989 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, 73, 76)` looks like.

```
.text, #text, p{  
    color:rgb(46, 73, 76)  
}
```

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, 73, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 73, 76) }
```

Border

The CSS property to change the border of an element to YUV 65.2690, 5.2904, -16.8989 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, 73, 76) }
```


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

```
.border{ border-color:rgb(46, 73, 76) }
```

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

Here you see how a box with a 4 pixel rgb(46, 73, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 73, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 73, 76);  
box-shadow:4px 4px 4px 4px rgb(46, 73, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.2690, 5.2904, -16.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 73, 76) }
```

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

```
.background{ background-color: rgb(46, 73,  
76) }
```

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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