

Converting Colors

YUV(69.6740, 14.4577,
-17.2541)

Have a look what the booklet for
YUV(69.6740, 14.4577, -17.2541)
contains.

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Color

**YUV(69.6740, 14.4577,
-17.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	324A63
RGB	50, 74, 99
RGB Percent	20%, 29%, 39%
CMY	0.8039, 0.7098, 0.6118
CMYK	0.49, 0.25, 0.00, 0.61
HSL	211°, 33%, 29%
HSV	211°, 49%, 39%
XYZ	6.0163, 6.4765, 12.7374
YIQ	69.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

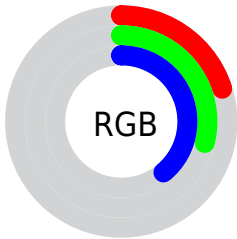
Format	Color
RYB	50, 66, 99
Decimal	3295843
CIELab	30.58, -1.53, -17.50
CIELCh	31, 17.564, 265.010
Yxy	6.4765, 0.2385, 0.2567
Android (android.graphics.Color)	4281485923 (0xFF324A63)
YUV	69.6740, 14.4577, -17.2541
Hunter-Lab	25.4490, -2.3373, -11.8607

Details

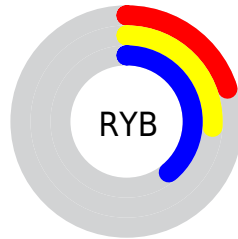
The YUV color **69.6740, 14.4577, -17.2541** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **79.3260, -14.4577, 17.2541**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9020, 15.3313, -17.4541**, and **24.1250, 13.7424, -21.1576** is the 20% darker color. If you saturate the color by 10%, you get **63.7490, 17.3787, -20.8279**, and if you desaturate by 10%, it is **75.5990, 11.5367, -13.6803**.

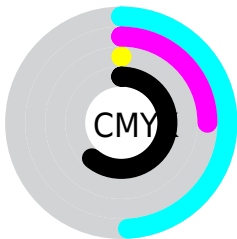
Distribution



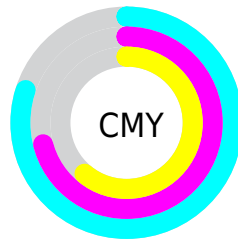
- Red (20%)
- Green (29%)
- Blue (39%)



- Red (20%)
- Yellow (26%)
- Blue (39%)



- Cyan (49%)
- Magenta (25%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6740, 14.4577, -17.2541 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 69.6740, 14.4577, -17.2541 by changing the saturation by 10% instead.

■ 69.6740, 14.4577,
-17.2541

■ 69.6740, 14.4577,
-17.2541

■ 255.0000, 0.0000,
0.0000

■ 46.8480, 13.8789,
-18.2837

■ 118.9020, 15.3313,
-17.4541

■ 24.1250, 13.7424,
-21.1576

■ 144.4290, 16.0575,
-17.0392

■ 6.4690, 12.0938,
-5.6733

■ 171.1300, 16.2049,
-17.6540

■ 0.3420, 1.3104,
-0.2999

■ 198.5430, 16.4943,
-17.1392

■ 0.0000, 0.0000,
0.0000

■ 225.6740, 14.4577,
-17.2541

■ 249.0200, 2.9481,

-12.2955

■ 69.6740, 14.4577,
-17.2541

■ 69.6740, 14.4577,
-17.2541

■ 63.7490, 17.3787,
-20.8279

■ 75.5990, 11.5367,
-13.6803

■ 57.8240, 20.2998,
-24.4016

■ 81.5240, 8.6157,
-10.1065

■ 51.8990, 23.2208,
-27.9754

■ 87.4490, 5.6946,
-6.5328

■ 45.9740, 26.1418,
-31.5492

■ 93.3740, 2.7736,
-2.9590

■ 40.3480, 28.9154,
-34.5082

■ 99.2990, -0.1474,
0.6148

■ 39.4620, 29.3522,
-34.6082

■ 104.9250, -2.9210,
3.5738

■ 110.8500, -5.8420,
7.1476

■ 116.7750, -8.7631,
10.7213

■ 122.7000,
-11.6841, 14.2951

Harmonies

Analogous

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



65.1840, 14.2063, -29.9794



69.6740, 14.4577, -17.2541



72.7900, 11.9355, -1.5698

Triad

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



69.6740, 14.4577, -17.2541



72.9490, -5.8909, 22.8467



68.3160, -6.0718, -12.5551

Complementary

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



69.6740, 14.4577, -17.2541



79.3260, -14.4577, 17.2541

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.



70.3130, -11.4933, -0.2745



69.6740, 14.4577, -17.2541



72.5480, -11.1162, 18.8134

Square

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



69.6740, 14.4577, -17.2541



73.9470, 0.5191, 20.2175



71.3360, -12.9836, 11.1063



65.6010, 1.6757, -24.2061

Rectangle

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



69.6740, 14.4577, -17.2541



73.6340, 8.5614, 7.3370



71.3360, -12.9836, 11.1063



68.7680, -8.2666, -8.5665

Sweetspot

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



69.6740, 14.4577, -17.2541



116.1500, 5.8421, -7.1475



81.6130, -3.2602, -27.7246



56.8900, 3.5052, -4.2885



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



69.6740, 14.4577, -17.2541



82.3830, 22.4892, -26.6459



55.5860, 21.4031, -4.8989



45.6300, 1.1684, -1.4295



45.0530, 33.0049, -39.5115



96.0390, 70.9728, -84.2262

Inverse Universe

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



67.3870, 3.2602, 27.7246



78.9420, 4.9586, 43.0239



93.4140, -21.4031, 4.8989



45.4240, 0.2840, 2.2592



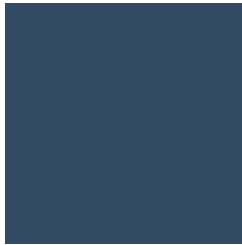
39.7580, 7.5143, 63.3562



85.0980, 15.7277, 135.8491

Previews

White Background



This preview shows how the YUV color 69.6740, 14.4577, -17.2541 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 69.6740, 14.4577, -17.2541 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

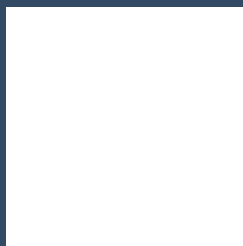
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.6740, 14.4577, -17.2541

Background



This preview shows how black text looks on a background with the YUV color 69.6740, 14.4577, -17.2541.



This preview shows how white text looks on a background with the YUV color 69.6740, 14.4577, -17.2541.

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

69.6740, 14.4577, -17.2541

Protanopia

71.8710, 12.3886, -6.9029

Deuteranopia

71.9140, 13.8464, -7.8176



Tritanopia

68.1160, 7.3378, -20.2727

Trichromacy



Original Color

69.6740, 14.4577, -17.2541

Protanomaly

71.0770, 13.2730, -10.5915

Deuteranomaly

71.0060, 14.2940, -11.4063

Tritanomaly

68.8110, 9.9532, -19.1282

Monochromacy



Original Color

69.6740, 14.4577, -17.2541

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6740, 14.4577, -17.2541 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(50, 74, 99)` looks like.

```
.text, #text, p{  
    color:rgb(50, 74, 99)  
}
```

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(50, 74, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 74, 99) }
```

Border

The CSS property to change the border of an element to YUV 69.6740, 14.4577, -17.2541 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(50, 74, 99) }
```


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

```
.border{ border-color:rgb(50, 74, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 74, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 74, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 74, 99);  
box-shadow:4px 4px 4px 4px rgb(50, 74, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.6740, 14.4577, -17.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 74, 99) }
```

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

```
.background{ background-color: rgb(50, 74,  
99) }
```

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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