

Converting Colors

YUV(66.6760, 8.0477, -14.6249)

Have a look what the booklet for
YUV(66.6760, 8.0477, -14.6249)
contains.

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Color

**YUV(66.6760, 8.0477,
-14.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	324853
RGB	50, 72, 83
RGB Percent	20%, 28%, 33%
CMY	0.8039, 0.7176, 0.6745
CMYK	0.40, 0.13, 0.00, 0.67
HSL	200°, 25%, 26%
HSV	200°, 40%, 33%
XYZ	5.1941, 5.9374, 9.0559
YIQ	66.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

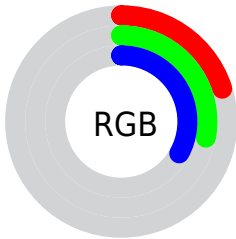
Format	Color
R_{YB}	50, 63, 83
Decimal	3295315
CIE Lab	29.25, -5.32, -9.28
CIE LCh	29, 10.694, 240.171
Yxy	5.9374, 0.2573, 0.2941
Android (android.graphics.Color)	4281485395 (0xFF324853)
YUV	66.6760, 8.0477, -14.6249
Hunter-Lab	24.3667, -4.5921, -4.9784

Details

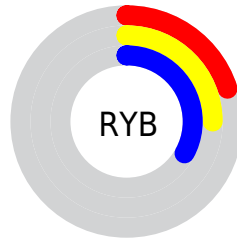
The YUV color **66.6760, 8.0477, -14.6249** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.3240, -8.0477, 14.6249**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7900, 8.4845, -14.7248**, and **22.8500, 7.4689, -15.6545** is the 20% darker color. If you saturate the color by 10%, you get **62.5230, 10.0952, -17.9987**, and if you desaturate by 10%, it is **70.8290, 6.0003, -11.2510**.

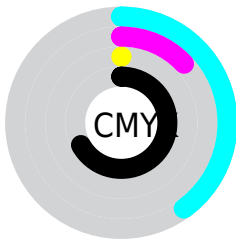
Distribution



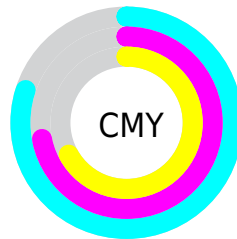
- Red (20%)
- Green (28%)
- Blue (33%)



- Red (20%)
- Yellow (25%)
- Blue (33%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (67%)



- Cyan (80%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6760, 8.0477, -14.6249 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 66.6760, 8.0477, -14.6249 by changing the saturation by 10% instead.

■ 66.6760, 8.0477,
-14.6249

■ 66.6760, 8.0477,
-14.6249

■ 255.0000, 0.0000,
0.0000

■ 44.2630, 7.7583,
-15.1397

■ 114.7900, 8.4845,
-14.7248

■ 22.8500, 7.4689,
-15.6545

■ 140.6050, 9.0687,
-15.4396

■ 2.6390, 7.5730,
-2.3144

■ 167.3060, 9.2161,
-16.0544

■ 0.0000, 0.0000,
0.0000

■ 194.3060, 9.2161,
-16.0544

■ 222.4200, 9.6529,
-16.1543

■ 248.1230, 3.3904,

-14.1399

■ 66.6760, 8.0477,
-14.6249

■ 66.6760, 8.0477,
-14.6249

■ 62.5230, 10.0952,
-17.9987

■ 70.8290, 6.0003,
-11.2510

■ 58.0710, 12.2900,
-21.9873

■ 75.2810, 3.8055,
-7.2624

■ 54.5050, 14.0480,
-25.8759

■ 78.8470, 2.0474,
-3.3738

■ 50.3520, 16.0955,
-29.2497

■ 83.0000, 0.0000,
0.0000

■ 45.9000, 18.2903,
-33.2383

■ 87.1530, -2.0474,
3.3738

■ 41.7470, 20.3377,
-36.6121

■ 91.6050, -4.2423,
7.3624

■ 95.1710, -6.0003,
11.2510

■ 99.3240, -8.0477,
14.6249

■ 103.7760,
-10.2426, 18.6134

Harmonies

Analogous

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



65.3830, 5.7272, -16.9989



66.6760, 8.0477, -14.6249



68.4210, 8.1734, -8.2622

Triad

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



66.6760, 8.0477, -14.6249



70.2620, -0.6222, 12.9252



67.6810, -6.2517, -1.4742

Complementary

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



66.6760, 8.0477, -14.6249



66.3240, -8.0477, 14.6249

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.



68.2690, -8.0206, 5.9031



66.6760, 8.0477, -14.6249



70.2360, -4.5533, 13.8250

Square

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



66.6760, 8.0477, -14.6249



70.2660, 3.3199, 8.5367



69.5300, -7.1633, 10.9362



66.7340, -3.3199, -8.5367

Rectangle

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



66.6760, 8.0477, -14.6249



69.5250, 7.1362, -2.2144



69.5300, -7.1633, 10.9362



67.7630, -7.2782, 1.0848

Sweetspot

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



66.6760, 8.0477, -14.6249



100.7650, 3.0739, -5.9329



70.6250, -4.7451, -18.0881



49.8470, 2.0474, -3.3738



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.



66.6760, 8.0477, -14.6249



81.7720, 12.4374, -22.6020



57.2840, 12.6780, -6.3881



38.6300, 1.1684, -1.4295



53.0600, 25.6064, -46.5336



117.4330, 56.4815, -102.9887

Inverse Universe

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



62.3750, 4.7451, 18.0881



75.1250, 7.3334, 27.9544



76.3030, -12.9674, 5.8733



38.4240, 0.2840, 2.2592



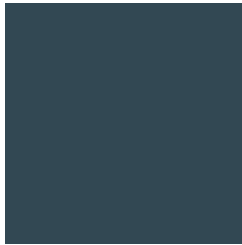
39.3750, 15.0981, 57.5531



87.0380, 33.5053, 127.1317

Previews

White Background



This preview shows how the YUV color 66.6760, 8.0477, -14.6249 looks on a white background.

Color Contrast Check

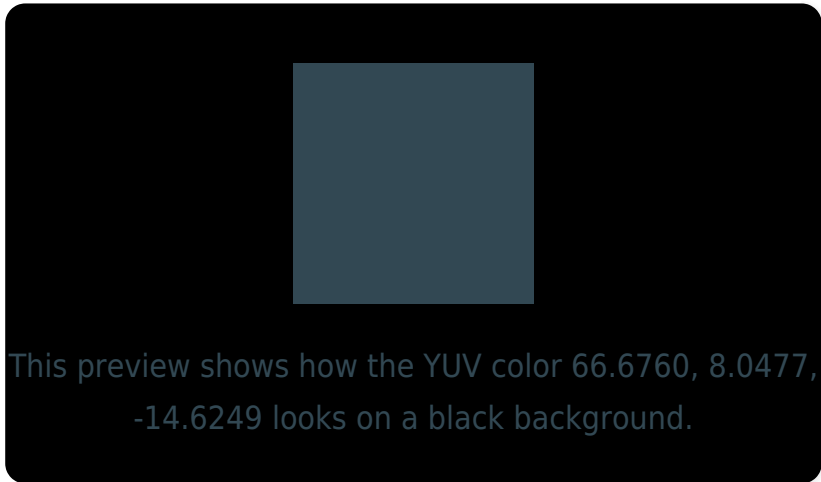
Large Text (above 18pt) WCAG AA ✓ Pass

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

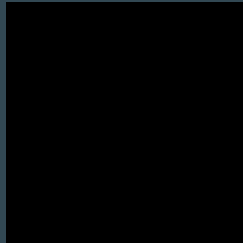
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.6760, 8.0477, -14.6249

Background



This preview shows how black text looks on a background with the YUV color 66.6760, 8.0477, -14.6249.



This preview shows how white text looks on a background with the YUV color 66.6760, 8.0477, -14.6249.

-14.6249.

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

66.6760, 8.0477, -14.6249

Protanopia

68.7700, 5.5364, -2.4293

Deuteranopia

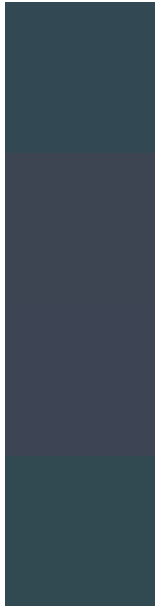
69.2370, 7.2782, -1.0848



Tritanopia

66.5080, 6.1586, -15.3545

Trichromacy



Original Color

66.6760, 8.0477, -14.6249

Protanomaly

67.6770, 6.5682, -6.7327

Deuteranomaly

68.3180, 7.7312, -6.4179

Tritanomaly

66.6220, 6.5954, -15.4545

Monochromacy



Original Color

66.6760, 8.0477, -14.6249

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0640, 2.9264, -5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6760, 8.0477, -14.6249 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, 72, 83)` looks like.

```
.text, #text, p{  
    color:rgb(50, 72, 83)  
}
```

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, 72, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 72, 83) }
```

Border

The CSS property to change the border of an element to YUV 66.6760, 8.0477, -14.6249 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, 72, 83) }
```


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

```
.border{ border-color:rgb(50, 72, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 72, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 72, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 72, 83);  
box-shadow:4px 4px 4px 4px rgb(50, 72, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.6760, 8.0477, -14.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 72, 83) }
```

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

```
.background{ background-color: rgb(50, 72,  
83) }
```

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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