

Converting Colors

YUV(68.3120, 6.7482, -17.8136)

Have a look what the booklet for
YUV(68.3120, 6.7482, -17.8136)
contains.

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Color

**YUV(68.3120, 6.7482,
-17.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	304C52
RGB	48, 76, 82
RGB Percent	19%, 30%, 32%
CMY	0.8118, 0.7020, 0.6784
CMYK	0.41, 0.07, 0.00, 0.68
HSL	191°, 26%, 25%
HSV	191°, 41%, 32%
XYZ	5.3264, 6.4065, 8.9385
YIQ	68.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

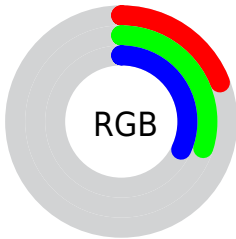
Format	Color
R_{YB}	48, 63, 82
Decimal	3165266
CIE _{Lab}	30.42, -8.73, -6.90
CIE _{LCh}	30, 11.124, 218.305
Yxy	6.4065, 0.2577, 0.3099
Android (android.graphics.Color)	4281355346 (0xFF304C52)
YUV	68.3120, 6.7482, -17.8136
Hunter-Lab	25.3110, -6.7313, -3.2204

Details

The YUV color **68.3120, 6.7482, -17.8136** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.6880, -6.7482, 17.8136**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0130, 6.8956, -18.4284**, and **23.6000, 6.6062, -18.9432** is the 20% darker color. If you saturate the color by 10%, you get **65.3330, 8.2168, -22.2170**, and if you desaturate by 10%, it is **71.2910, 5.2795, -13.4102**.

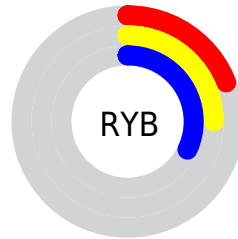
Distribution



Red (19%)

Green (30%)

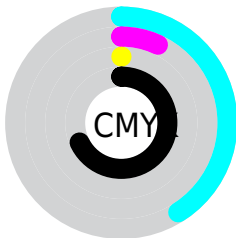
Blue (32%)



Red (19%)

Yellow (25%)

Blue (32%)

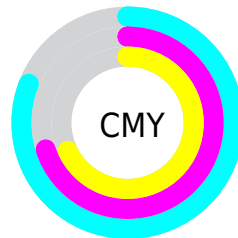


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (68%)



Cyan (81%)

Magenta (70%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3120, 6.7482, -17.8136 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 68.3120, 6.7482, -17.8136 by changing the saturation by 10% instead.

68.3120, 6.7482,
-17.8136

68.3120, 6.7482,
-17.8136

255.0000, 0.0000,
0.0000

45.3120, 6.7482,
-17.8136

117.0130, 6.8956,
-18.4284

23.6000, 6.6062,
-18.9432

142.7140, 7.0430,
-19.0432

4.2860, 6.2680,
-3.7588

168.8280, 7.4798,
-19.1432

0.0000, 0.0000,
0.0000

196.5290, 7.6272,
-19.7579

224.5290, 7.6272,
-19.7579

247.5250, 3.6852,

-15.3694

■ 68.3120, 6.7482,
-17.8136

■ 68.3120, 6.7482,
-17.8136

■ 65.3330, 8.2168,
-22.2170

■ 71.2910, 5.2795,
-13.4102

■ 61.7670, 9.9749,
-26.1057

■ 74.8570, 3.5215,
-9.5216

■ 58.4890, 11.5909,
-31.1239

■ 78.1350, 1.9054,
-4.5034

■ 54.9230, 13.3490,
-35.0125

■ 81.7010, 0.1474,
-0.6148

■ 51.9440, 14.8176,
-39.4159

■ 84.6800, -1.3212,
3.7886

■ 49.2640, 16.1388,
-43.2045

■ 88.2460, -3.0793,
7.6773

■ 91.2250, -4.5479,
12.0807

■ 95.0900, -6.4534,
16.5841

■ 98.0690, -7.9220,
20.9875

Harmonies

Analogous

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



68.2860, 2.8170, -16.9138



68.3120, 6.7482, -17.8136



69.5020, 8.6265, -13.5953

Triad

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



68.3120, 6.7482, -17.8136



73.0490, 2.4408, 10.4810



71.1440, -8.4520, 4.2587

Complementary

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



68.3120, 6.7482, -17.8136



61.6880, -6.7482, 17.8136

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.



72.0030, -7.8895, 10.5214



68.3120, 6.7482, -17.8136



72.6320, -1.7906, 14.3547

Square

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



68.3120, 6.7482, -17.8136



72.9170, 5.9569, 2.7038



72.8940, -5.8637, 14.1250



69.7840, -5.8095, -3.3186

Rectangle

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



68.3120, 6.7482, -17.8136



71.2360, 8.7577, -8.9770



72.8940, -5.8637, 14.1250



71.4540, -8.6048, 6.6178

Sweetspot

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



68.3120, 6.7482, -17.8136



101.9390, 2.4951, -6.9625



68.6420, -7.2185, -18.1030



50.4340, 1.7580, -3.8886



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.



68.3120, 6.7482, -17.8136



85.8700, 10.4171, -27.9500



58.3330, 11.6678, -9.0620



39.2170, 0.8790, -1.9443



62.4520, 20.9762, -54.7704



138.5650, 46.0635, -121.5215

Inverse Universe

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



61.3580, 7.2185, 18.1030



74.8630, 11.4065, 28.1841



71.6670, -11.6678, 9.0620



38.5380, 0.7208, 2.1592



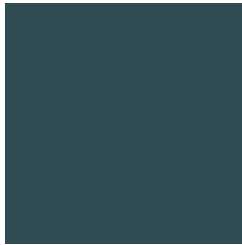
41.1990, 22.0869, 55.9535



91.1420, 49.2300, 123.5325

Previews

White Background



This preview shows how the YUV color 68.3120, 6.7482, -17.8136 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 68.3120, 6.7482, -17.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

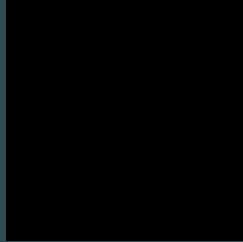
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3120, 6.7482, -17.8136

Background



This preview shows how black text looks on a background with the YUV color 68.3120, 6.7482, -17.8136.



This preview shows how white text looks on a background with the YUV color 68.3120, 6.7482, -17.8136.

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

68.3120, 6.7482, -17.8136

Protanopia

71.9120, 3.4944, -0.7998

Deuteranopia

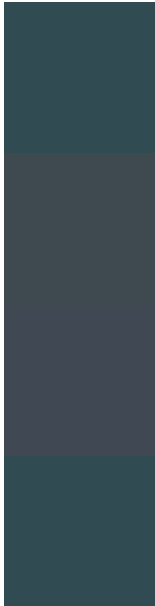
72.3790, 5.2362, 0.5446



Tritanopia

68.3120, 6.7482, -17.8136

Trichromacy



Original Color

68.3120, 6.7482, -17.8136

Protanomaly

70.8080, 4.5317, -6.8476

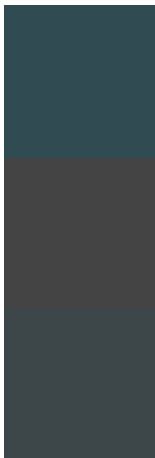
Deuteranomaly

70.8620, 5.9840, -6.0180

Tritanomaly

68.3120, 6.7482, -17.8136

Monochromacy



Original Color

68.3120, 6.7482, -17.8136

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3120, 6.7482, -17.8136 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(48, 76, 82)` looks like.

```
.text, #text, p{  
    color:rgb(48, 76, 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(48, 76, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 76, 82) }
```

Border

The CSS property to change the border of an element to YUV 68.3120, 6.7482, -17.8136 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(48, 76, 82) }
```


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

```
.border{ border-color:rgb(48, 76, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 76, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 76, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 76, 82);  
box-shadow:4px 4px 4px 4px rgb(48, 76, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.3120, 6.7482, -17.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 76, 82) }
```

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

```
.background{ background-color: rgb(48, 76,  
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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