

Converting Colors

YUV(83.1980, 6.3114, -17.7136)

Have a look what the booklet for
YUV(83.1980, 6.3114, -17.7136)
contains.

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Color

**YUV(83.1980, 6.3114,
-17.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5B60
RGB	63, 91, 96
RGB Percent	25%, 36%, 38%
CMY	0.7529, 0.6431, 0.6235
CMYK	0.34, 0.05, 0.00, 0.62
HSL	189°, 21%, 31%
HSV	189°, 34%, 38%
XYZ	7.9023, 9.3835, 12.4610
YIQ	83.1980, -18.2930, -4.3810

Conversions

Conversions Part 2

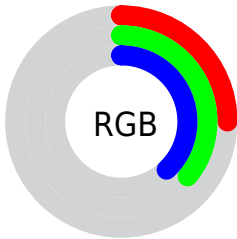
Format	Color
R_{YB}	63, 78, 96
Decimal	4152160
CIE Lab	36.71, -8.98, -6.22
CIE LCh	37, 10.924, 214.698
Yxy	9.3835, 0.2657, 0.3154
Android (android.graphics.Color)	4282342240 (0xFF3F5B60)
YUV	83.1980, 6.3114, -17.7136
Hunter-Lab	30.6324, -7.5588, -2.6760

Details

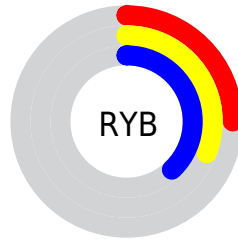
The YUV color **83.1980, 6.3114, -17.7136** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.8020, -6.3114, 17.7136**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8990, 6.4588, -18.3284**, and **37.1980, 6.3114, -17.7136** is the 20% darker color. If you saturate the color by 10%, you get **79.6210, 8.0748, -23.3466**, and if you desaturate by 10%, it is **86.7750, 4.5479, -12.0807**.

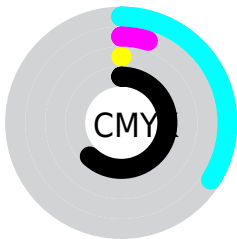
Distribution



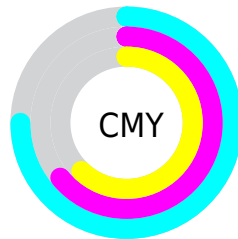
- Red (25%)
- Green (36%)
- Blue (38%)



- Red (25%)
- Yellow (31%)
- Blue (38%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (62%)



- Cyan (75%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1980, 6.3114, -17.7136 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 83.1980, 6.3114, -17.7136 by changing the saturation by 10% instead.

■ 83.1980, 6.3114,
-17.7136

■ 83.1980, 6.3114,
-17.7136

■ 255.0000, 0.0000,
0.0000

■ 59.4970, 6.1640,
-17.0989

■ 132.8990, 6.4588,
-18.3284

■ 37.1980, 6.3114,
-17.7136

■ 159.6000, 6.6062,
-18.9432

■ 17.9810, 5.4324,
-15.7693

■ 186.3010, 6.7536,
-19.5580

■ 0.1140, 0.4368,
-0.1000

■ 214.3010, 6.7536,
-19.5580

■ 0.0000, 0.0000,
0.0000

■ 242.1870, 6.3168,
-19.4580

■ 252.9070, 1.0318,

-4.3034

■ 83.1980, 6.3114,
-17.7136

■ 83.1980, 6.3114,
-17.7136

■ 79.6210, 8.0748,
-23.3466

■ 86.7750, 4.5479,
-12.0807

■ 75.7560, 9.9803,
-27.8500

■ 90.6400, 2.6425,
-7.5773

■ 72.1790, 11.7438,
-33.4830

■ 94.2170, 0.8790,
-1.9443

■ 68.3140, 13.6492,
-37.9864

■ 98.0820, -1.0264,
2.5591

■ 64.7370, 15.4127,
-43.6193

■ 101.6590, -2.7899,
8.1921

■ 60.5730, 17.4655,
-48.7375

■ 105.8230, -4.8427,
13.3102

■ 58.4910, 18.4919,
-51.2966

■ 109.1010, -6.4588,
18.3284

■ 113.2650, -8.5116,
23.4466

■ 116.5430,
-10.1277, 28.4648

Harmonies

Analogous

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



82.7700, 2.0854, -15.5843



83.1980, 6.3114, -17.7136



84.2030, 8.7739, -14.2100

Triad

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



83.1980, 6.3114, -17.7136



87.8640, 3.0250, 9.7663



85.8560, -8.3100, 5.3883

Complementary

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



83.1980, 6.3114, -17.7136



75.8020, -6.3114, 17.7136

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.



86.7150, -7.7475, 11.6509



83.1980, 6.3114, -17.7136



87.7460, -1.3538, 14.2548

Square

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



83.1980, 6.3114, -17.7136



87.7320, 6.5411, 1.9890



87.4210, -5.1376, 14.5398



84.9690, -6.3937, -2.6038

Rectangle

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



83.1980, 6.3114, -17.7136



85.9370, 8.9051, -9.5917



87.4210, -5.1376, 14.5398



86.1660, -8.4628, 7.7474

Sweetspot

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



83.1980, 6.3114, -17.7136



119.9390, 2.4951, -6.9625



82.9410, -7.3659, -17.4883



61.0210, 1.4686, -4.4034



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.



83.1980, 6.3114, -17.7136



105.0550, 9.8329, -27.2352



73.8060, 10.9416, -9.4769



46.8040, 0.5896, -2.4591



68.5330, 21.4292, -60.1034



146.5210, 46.0851, -128.4989

Inverse Universe

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



76.0590, 7.3659, 17.4883



94.1510, 11.2646, 27.0546



85.1940, -10.9416, 9.4769



45.6520, 1.1576, 2.0592



44.3180, 24.9862, 59.3571



94.9020, 53.2923, 127.2509

Previews

White Background



This preview shows how the YUV color 83.1980, 6.3114, -17.7136 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 83.1980, 6.3114, -17.7136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

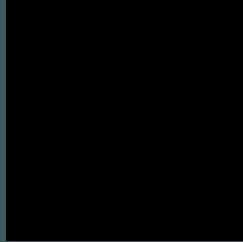
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1980, 6.3114, -17.7136

Background



This preview shows how black text looks on a background with the YUV color 83.1980, 6.3114, -17.7136.



This preview shows how white text looks on a background with the YUV color 83.1980, 6.3114, -17.7136.

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

83.1980, 6.3114, -17.7136

Protanopia

86.7980, 3.0576, -0.6998

Deuteranopia

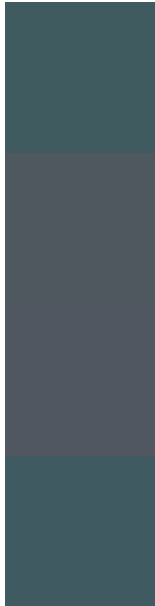
86.9770, 4.9413, 1.7742



Tritanopia

83.4260, 7.1850, -17.9136

Trichromacy



Original Color

83.1980, 6.3114, -17.7136

Protanomaly

85.6940, 4.0949, -6.7476

Deuteranomaly

86.0470, 5.3998, -5.3032

Tritanomaly

83.3120, 6.7482, -17.8136

Monochromacy



Original Color

83.1980, 6.3114, -17.7136

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1980, 6.3114, -17.7136 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(63, 91, 96)` looks like.

```
.text, #text, p{  
    color:rgb(63, 91, 96)  
}
```

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(63, 91, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 91, 96) }
```

Border

The CSS property to change the border of an element to YUV 83.1980, 6.3114, -17.7136 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(63, 91, 96) }
```


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

```
.border{ border-color:rgb(63, 91, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 91, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 91, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 91, 96);  
box-shadow:4px 4px 4px 4px rgb(63, 91, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.1980, 6.3114, -17.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 91, 96) }
```

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

```
.background{ background-color: rgb(63, 91,  
96) }
```

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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