

Converting Colors

YUV(68.3820, 20.5177,
-47.6930)

Have a look what the booklet for
YUV(68.3820, 20.5177, -47.6930)
contains.

YUV(68.3820, 20.5177, -47.6930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.3820, 20.5177,
-47.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	0E586E
RGB	14, 88, 110
RGB Percent	5%, 35%, 43%
CMY	0.9451, 0.6549, 0.5686
CMYK	0.87, 0.20, 0.00, 0.57
HSL	194°, 77%, 24%
HSV	194°, 87%, 43%
XYZ	6.4853, 8.1986, 15.9925
YIQ	68.3820, -51.1660, -8.8460

Conversions

Conversions Part 2

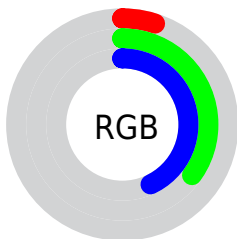
Format	Color
R_{YB}	14, 56, 110
Decimal	940142
CIE _{Lab}	34.39, -12.90, -18.64
CIE _{LCh}	34, 22.666, 235.320
Yxy	8.1986, 0.2114, 0.2673
Android (android.graphics.Color)	4279130222 (0xFF0E586E)
YUV	68.3820, 20.5177, -47.6930
Hunter-Lab	28.6332, -9.6786, -13.0721

Details

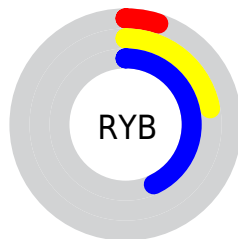
The YUV color **68.3820, 20.5177, -47.6930** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55.6180, -20.5177, 47.6930**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4970, 19.4750, -39.9009**, and **31.7220, 14.9271, -27.8202** is the 20% darker color. If you saturate the color by 10%, you get **63.3320, 23.0073, -52.9112**, and if you desaturate by 10%, it is **73.4320, 18.0280, -42.4749**.

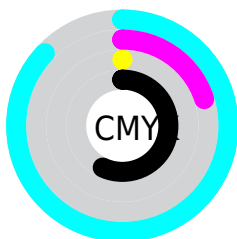
Distribution



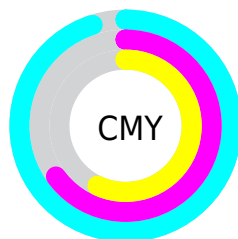
- Red (5%)
- Green (35%)
- Blue (43%)



- Red (5%)
- Yellow (22%)
- Blue (43%)



- Cyan (87%)
- Magenta (20%)
- Yellow (0%)
- Black (57%)



- Cyan (95%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3820, 20.5177, -47.6930 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 68.3820, 20.5177, -47.6930 by changing the saturation by 10% instead.

68.3820, 20.5177,
-47.6930

68.3820, 20.5177,
-47.6930

255.0000, 0.0000,
0.0000

47.9590, 18.7542,
-42.0600

122.4970, 19.4750,
-39.9009

31.7220, 14.9271,
-27.8202

148.9100, 19.7644,
-39.3861

18.0610, 10.8159,
-15.8395

176.3230, 20.0538,
-38.8713

2.7530, 8.0098,
-2.4144

204.0240, 20.2012,
-39.4860

0.0000, 0.0000,
0.0000

230.8580, 11.9020,
-37.5865

243.3390, 5.7489,

-23.9763

■ 252.3090, 1.3267,
-5.5330

■ 68.3820, 20.5177,
-47.6930

■ 68.3820, 20.5177,
-47.6930

■ 63.3320, 23.0073,
-52.9112

■ 73.4320, 18.0280,
-42.4749

■ 62.4350, 23.4495,
-54.7555

■ 77.8950, 15.8278,
-36.7419

■ 82.9450, 13.3381,
-31.5238

■ 87.4080, 11.1379,
-25.7908

■ 92.4580, 8.6482,
-20.5727

■ 96.9210, 6.4479,
-14.8397

■ 101.9710, 3.9583,
-9.6216

■ 106.4340, 1.7580,
-3.8886

■ 111.4840, -0.7316,
1.3295

Harmonies

Analogous

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



64.0730, 15.7400, -55.3150



68.3820, 20.5177, -47.6930



77.1830, 19.1368, -24.7165

Triad

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



68.3820, 20.5177, -47.6930



82.6920, 0.6448, 26.5801



77.8030, -14.6929, -0.7042

Complementary

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



68.3820, 20.5177, -47.6930



55.6180, -20.5177, 47.6930

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.



79.9080, -17.2096, 13.2357



68.3820, 20.5177, -47.6930



82.1240, -7.9491, 29.7093

Square

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



68.3820, 20.5177, -47.6930



83.5040, 9.1185, 15.3440



81.3700, -14.4794, 24.2315



75.2400, -7.5133, -16.8735

Rectangle

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



68.3820, 20.5177, -47.6930



80.4130, 17.0514, -9.1322



81.3700, -14.4794, 24.2315



78.7820, -16.1615, 3.6992

Sweetspot

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



68.3820, 20.5177, -47.6930



126.6540, 8.0586, -18.1136



72.7460, -18.6088, -51.5202



61.4870, 4.6899, -10.9511



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



68.3820, 20.5177, -47.6930



80.8720, 30.6291, -70.9247



40.7930, 34.1191, -23.4975



53.6190, 1.1738, -3.1739



67.6840, 25.7918, -59.3589



140.2750, 52.6154, -123.0212

Inverse Universe

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



51.1400, 18.1720, 51.6202



55.2970, 26.9686, 76.9155



83.2070, -34.1191, 23.4975



52.3640, 1.2995, 3.1888



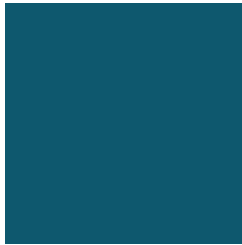
46.3680, 22.4966, 64.5753



95.6270, 47.0189, 132.7541

Previews

White Background



This preview shows how the YUV color 68.3820, 20.5177, -47.6930 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 68.3820, 20.5177, -47.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

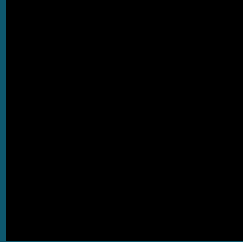
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3820, 20.5177, -47.6930

Background



This preview shows how black text looks on a background with the YUV color 68.3820, 20.5177, -47.6930.



This preview shows how white text looks on a background with the YUV color 68.3820, 20.5177,

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

68.3820, 20.5177, -47.6930

Protanopia

80.9420, 11.3676, -6.0881

Deuteranopia

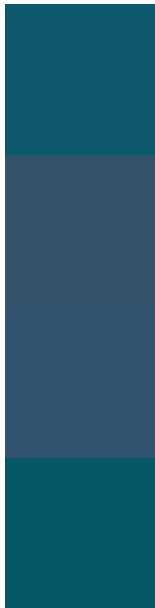
80.9570, 15.3042, -8.7323



Tritanopia

63.8880, 16.3242, -56.0298

Trichromacy



Original Color

68.3820, 20.5177, -47.6930

Protanomaly

76.3530, 14.6160, -21.3576

Deuteranomaly

76.3250, 17.0948, -23.0870

Tritanomaly

65.3660, 18.0606, -52.9410

Monochromacy



Original Color

68.3820, 20.5177, -47.6930

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8390, 7.4744, -17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3820, 20.5177, -47.6930 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(14, 88, 110)` looks like.

```
.text, #text, p{  
    color:rgb(14, 88, 110)  
}
```

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(14, 88, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 88, 110) }
```

Border

The CSS property to change the border of an element to YUV 68.3820, 20.5177, -47.6930 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(14, 88, 110) }
```


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

```
.border{ border-color:rgb(14, 88, 110) }
```

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

Here you see how a box with a 4 pixel rgb(14, 88, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 88, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 88, 110);  
box-shadow:4px 4px 4px 4px rgb(14, 88,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 68.3820, 20.5177, -47.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 88, 110) }
```

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

```
.background{ background-color: rgb(14, 88,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor