

Converting Colors

YUV(84.4280, -2.6760, -28.4394)

Have a look what the booklet for
YUV(84.4280, -2.6760, -28.4394)
contains.

YUV(84.4280, -2.6760, -28.4394)	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(84.4280, -2.6760,
-28.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	34664F
RGB	52, 102, 79
RGB Percent	20%, 40%, 31%
CMY	0.7961, 0.6000, 0.6902
CMYK	0.49, 0.00, 0.23, 0.60
HSL	152°, 32%, 30%
HSV	152°, 49%, 40%
XYZ	7.5788, 10.7973, 9.0818
YIQ	84.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

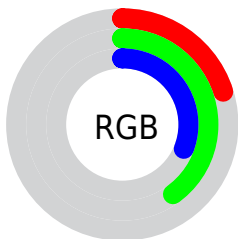
Format	Color
R_{YB}	52, 84, 102
Decimal	3434063
CIE Lab	39.24, -22.88, 7.85
CIE LCh	39, 24.192, 161.061
Yxy	10.7973, 0.2760, 0.3932
Android (android.graphics.Color)	4281624143 (0xFF34664F)
YUV	84.4280, -2.6760, -28.4394
Hunter-Lab	32.8593, -16.3336, 6.6147

Details

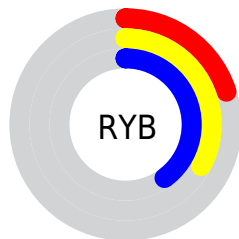
The YUV color **84.4280, -2.6760, -28.4394** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.5720, 2.6760, 28.4394**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9010, -3.4022, -28.8542**, and **36.2750, -0.6286, -31.8132** is the 20% darker color. If you saturate the color by 10%, you get **80.8680, -3.3859, -34.0872**, and if you desaturate by 10%, it is **87.9880, -1.9661, -22.7915**.

Distribution



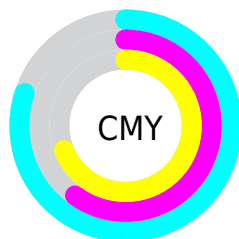
- Red (20%)
- Green (40%)
- Blue (31%)



- Red (20%)
- Yellow (33%)
- Blue (40%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4280, -2.6760, -28.4394 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 84.4280, -2.6760, -28.4394 by changing the saturation by 10% instead.

■ 84.4280, -2.6760,
-28.4394

■ 84.4280, -2.6760,
-28.4394

255.0000, 0.0000,
0.0000

■ 60.2430, -2.0918,
-29.1541

■ 134.9010, -3.4022,
-28.8542

■ 36.2750, -0.6286,
-31.8132

■ 161.4880, -3.6916,
-29.3690

■ 20.8530, -3.8715,
-18.2881

■ 188.7760, -3.8336,
-30.4986

■ 0.0000, 0.0000,
0.0000

■ 216.6620, -4.2704,
-30.3986

■ 239.4930, -1.2290,
-25.8654

■ 249.9170, 2.5059,

-10.4512

■ 84.4280, -2.6760,
-28.4394

■ 84.4280, -2.6760,
-28.4394

■ 80.8680, -3.3859,
-34.0872

■ 87.9880, -1.9661,
-22.7915

■ 77.4220, -3.6590,
-39.8351

■ 91.4340, -1.6930,
-17.0436

■ 73.5630, -4.2216,
-46.0978

■ 95.2930, -1.1304,
-10.7810

■ 70.0030, -4.9315,
-51.7456

■ 98.8530, -0.4205,
-5.1331

■ 66.5570, -5.2046,
-57.4935

■ 102.2990, -0.1474,
0.6148

■ 66.1440, -5.4940,
-58.0083

■ 105.8590, 0.5625,
6.2627

■ 109.4190, 1.2724,
11.9105

■ 113.2780, 1.8349,
18.1732

■ 116.7240, 2.1081,
23.9211

Harmonies

Analogous

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



88.2040, -12.9186, -9.8259



84.4280, -2.6760, -28.4394



78.9230, 9.8980, -48.1675

Triad

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



84.4280, -2.6760, -28.4394



91.6620, 19.3936, -13.7356



93.5710, -12.6065, 30.1942

Complementary

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



84.4280, -2.6760, -28.4394



69.5720, 2.6760, 28.4394

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.



94.1720, -4.0288, 32.2982



84.4280, -2.6760, -28.4394



94.8990, 13.3608, 7.9816

Square

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



84.4280, -2.6760, -28.4394



84.7900, 21.7955, -37.5268



95.2340, 5.3076, 24.3508



92.0230, -18.2523, 21.0278

Rectangle

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



84.4280, -2.6760, -28.4394



74.7350, 18.3716, -59.4036



95.2340, 5.3076, 24.3508



93.5650, -10.1385, 31.9535

Sweetspot

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



84.4280, -2.6760, -28.4394



125.8800, -1.4198, -11.2958



88.2270, -17.8599, -11.6001



61.8420, -0.4151, -6.8774



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



84.4280, -2.6760, -28.4394



105.2750, -4.0796, -44.9682



85.8760, 7.9491, -29.7093



49.2770, -0.1366, -2.8739



74.5730, -6.1985, -65.4005



156.9880, -12.8121, -137.6785

Inverse Universe

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



69.5720, 2.6760, 28.4394



81.7250, 4.0796, 44.9682



68.1240, -7.9491, 29.7093



47.7230, 0.1366, 2.8739



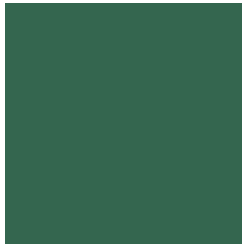
40.4270, 6.1985, 65.4005



85.0120, 12.8121, 137.6785

Previews

White Background



This preview shows how the YUV color 84.4280, -2.6760, -28.4394 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 × Fail

Black Background



This preview shows how the YUV color 84.4280, -2.6760, -28.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 84.4280, -2.6760, -28.4394

Background



This preview shows how black text looks on a background with the YUV color 84.4280, -2.6760, -28.4394.



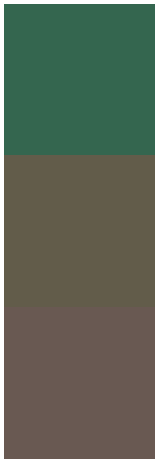
This preview shows how white text looks on a background with the YUV color 84.4280, -2.6760,

-28.4394.

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

84.4280, -2.6760, -28.4394

Protanopia

91.7420, -8.7468, 5.4883

Deuteranopia

92.9860, -5.4161, 10.5363



Tritanopia

87.2510, 9.2433, -24.7761

Trichromacy



Original Color

84.4280, -2.6760, -28.4394

Protanomaly

89.2350, -6.5249, -7.2221

Deuteranomaly

90.1260, -4.4991, -3.6185

Tritanomaly

85.8010, 5.0281, -26.1355

Monochromacy



Original Color

84.4280, -2.6760, -28.4394

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2930, -1.1304, -10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4280, -2.6760, -28.4394 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(52, 102, 79)` looks like.

```
.text, #text, p{  
    color:rgb(52, 102, 79)  
}
```

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(52, 102, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 102, 79) }
```

Border

The CSS property to change the border of an element to YUV 84.4280, -2.6760, -28.4394 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(52, 102, 79) }
```


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

```
.border{ border-color:rgb(52, 102, 79) }
```

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

Here you see how a box with a 4 pixel rgb(52, 102, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 102, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 102, 79);  
box-shadow:4px 4px 4px 4px rgb(52, 102,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 84.4280, -2.6760, -28.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 102, 79) }
```

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

```
.background{ background-color: rgb(52, 102,  
79) }
```

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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