

# Converting Colors

YUV(84.0520, 0.9604, -28.1096)

Have a look what the booklet for  
YUV(84.0520, 0.9604, -28.1096)  
contains.

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# Color

**YUV(84.0520, 0.9604,  
-28.1096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	346456
RGB	52, 100, 86
RGB Percent	20%, 39%, 34%
CMY	0.7961, 0.6078, 0.6627
CMYK	0.48, 0.00, 0.14, 0.61
HSL	162°, 32%, 30%
HSV	162°, 48%, 39%
XYZ	7.6531, 10.5163, 10.4306
YIQ	84.0520, -24.1140, -14.5300

# Conversions

## Conversions Part 2

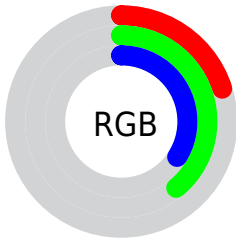
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 80, 100
Decimal	3433558
CIELab	38.75, -20.10, 2.89
CIElCh	39, 20.305, 171.817
Yxy	10.5163, 0.2676, 0.3677
Android (android.graphics.Color)	4281623638 (0xFF346456)
YUV	84.0520, 0.9604, -28.1096
Hunter-Lab	32.4288, -14.6253, 3.6298

# Details

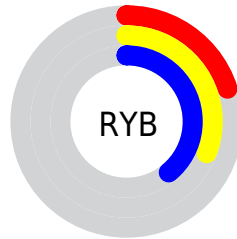
The YUV color **84.0520, 0.9604, -28.1096** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.9480, -0.9604, 28.1096**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6390, 0.6710, -28.6244**, and **35.7850, 2.5710, -31.3834** is the 20% darker color. If you saturate the color by 10%, you get **80.7200, 1.1240, -33.9574**, and if you desaturate by 10%, it is **87.3840, 0.7967, -22.2618**.

# Distribution



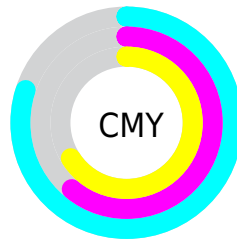
- Red (20%)
- Green (39%)
- Blue (34%)



- Red (20%)
- Yellow (31%)
- Blue (39%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (61%)



- Cyan (80%)
- Magenta (61%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 84.0520, 0.9604, -28.1096 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 84.0520, 0.9604, -28.1096 by changing the saturation by 10% instead.



84.0520, 0.9604,  
-28.1096

84.0520, 0.9604,  
-28.1096

255.0000, 0.0000,  
0.0000

59.8670, 1.5446,  
-28.8244

134.6390, 0.6710,  
-28.6244

35.7850, 2.5710,  
-31.3834

161.2260, 0.3816,  
-29.1392

21.1780, -0.0878,  
-18.5731

188.5140, 0.2396,  
-30.2688

0.0000, 0.0000,  
0.0000

216.5140, 0.2396,  
-30.2688

240.4050, 2.2653,  
-26.6652

249.9170, 2.5059,

-10.4512

■ 84.0520, 0.9604,  
-28.1096

■ 84.0520, 0.9604,  
-28.1096

■ 80.7200, 1.1240,  
-33.9574

■ 87.3840, 0.7967,  
-22.2618

■ 77.3880, 1.2877,  
-39.8053

■ 90.7160, 0.6330,  
-16.4139

■ 74.0560, 1.4514,  
-45.6531

■ 94.0480, 0.4693,  
-10.5661

■ 70.7240, 1.6151,  
-51.5009

■ 97.3800, 0.3057,  
-4.7183

■ 67.3920, 1.7787,  
-57.3488

■ 100.7120, 0.1420,  
1.1296

■ 66.7940, 2.0736,  
-58.5783

■ 104.0440, -0.0217,  
6.9774

■ 107.2620, -0.6222,  
12.9252

■ 110.5940, -0.7858,  
18.7731

■ 113.9260, -0.9495,  
24.6209

# Harmonies

## Analogous

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



86.7350, -8.2504, -13.7996



84.0520, 0.9604, -28.1096



81.5050, 10.5970, -39.0309

# Triad

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



84.0520, 0.9604, -28.1096



92.1640, 14.7091, -4.5288



91.8260, -12.7322, 23.8316

# Complementary

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



84.0520, 0.9604, -28.1096



67.9480, -0.9604, 28.1096

# 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.



92.5690, -6.1965, 27.5650



84.0520, 0.9604, -28.1096



93.7810, 8.9820, 12.4701

# Square

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



84.0520, 0.9604, -28.1096



87.8520, 17.8210, -22.6722



93.4960, 1.2345, 24.1210



90.9620, -15.7573, 14.0653



# Rectangle

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



84.0520, 0.9604, -28.1096



82.0580, 15.2544, -39.5159



93.4960, 1.2345, 24.1210



92.2930, -10.9904, 25.1760

# Sweetspot

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



84.0520, 0.9604, -28.1096



124.0480, 0.4693, -10.5661



84.3620, -15.9545, -16.1035



62.3690, 0.3111, -6.4626



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.



84.0520, 0.9604, -28.1096



105.0670, 1.4460, -43.9088



79.7780, 9.9694, -24.3613



49.3910, 0.3002, -2.9739



76.7390, 2.1007, -67.3001



161.6620, 5.0966, -141.7776



# Inverse Universe

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



67.9480, -0.9604, 28.1096



79.9330, -1.4460, 43.9088



72.2220, -9.9694, 24.3613



47.6090, -0.3002, 2.9739



38.1470, -2.5375, 67.4001



80.4520, -4.6598, 141.6776



# Previews

## White Background



This preview shows how the YUV color 84.0520, 0.9604, -28.1096 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 84.0520, 0.9604, -28.1096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

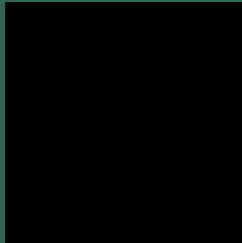
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 84.0520, 0.9604, -28.1096**

## **Background**



This preview shows how black text looks on a background with the YUV color 84.0520, 0.9604, -28.1096.



This preview shows how white text looks on a background with the YUV color 84.0520, 0.9604, -28.1096.



# 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

84.0520, 0.9604, -28.1096

### Protanopia

91.0560, -4.9576, 3.4589

### Deuteranopia

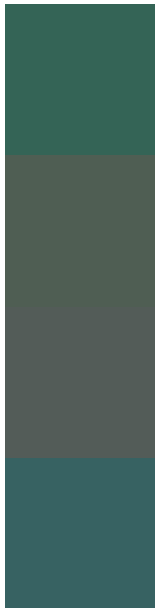
91.7020, -1.3321, 7.2773



## Tritanopia

85.9520, 9.3907, -25.3909

# Trichromacy



## Original Color

84.0520, 0.9604, -28.1096

## Protanomaly

88.2610, -2.5937, -8.1219

## Deuteranomaly

88.8530, -0.4205, -5.1331

## Tritanomaly

85.1430, 6.3385, -26.4354

# Monochromacy



## Original Color

84.0520, 0.9604, -28.1096

## Achromatopsia

84.0000, 0.0000, 0.0000

## Achromatomaly

84.0480, 0.4693, -10.5661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 84.0520, 0.9604, -28.1096 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, 100, 86)` looks like.

```
.text, #text, p{  
    color:rgb(52, 100, 86)  
}
```

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, 100, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 100, 86) }
```

## Border

The CSS property to change the border of an element to YUV 84.0520, 0.9604, -28.1096 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, 100, 86) }
```



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

```
.border{ border-color:rgb(52, 100, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 100, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 100, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 100, 86);  
box-shadow:4px 4px 4px 4px rgb(52, 100,  
86) }
```

# Background

The CSS property to change the background color of an element to YUV 84.0520, 0.9604, -28.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 100, 86) }
```

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

```
.background{ background-color: rgb(52, 100,  
86) }
```

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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