

Converting Colors

YIQ(87.3530, 9.6720, 11.9440)

Have a look what the booklet for
YIQ(87.3530, 9.6720, 11.9440)
contains.

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Color

**YIQ(87.3530, 9.6720,
11.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	684D61
RGB	104, 77, 97
RGB Percent	41%, 30%, 38%
CMY	0.5921, 0.6981, 0.6196
CMYK	0.00, 0.26, 0.07, 0.59
HSL	316°, 15%, 35%
HSV	316°, 26%, 41%
XYZ	10.5222, 9.1136, 12.5152
YIQ	87.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

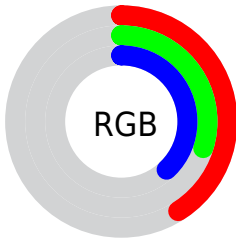
Format	Color
R_{YB}	104, 77, 97
Decimal	6835553
CIE _{Lab}	36.20, 15.07, -7.24
CIE _{LCh}	36, 16.721, 334.347
Yxy	9.1136, 0.3273, 0.2835
Android (android.graphics.Color)	4285025633 (0xFF684D61)
YUV	87.3530, 4.7560, 14.5994
Hunter-Lab	30.1887, 9.3856, -3.4475

Details

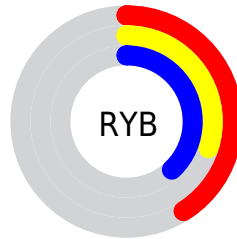
The YIQ color **87.3530, 9.6720, 11.9440** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.6470, -9.6720, -11.9440**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.1790, 10.2220, 12.9900**, and **41.3420, 8.2050, 10.9970** is the 20% darker color. If you saturate the color by 10%, you get **81.1410, 13.3850, 16.2410**, and if you desaturate by 10%, it is **93.5650, 5.9590, 7.6470**.

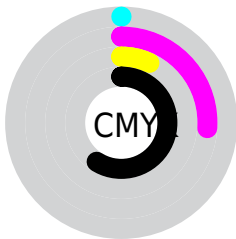
Distribution



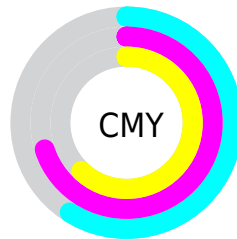
- Red (41%)
- Green (30%)
- Blue (38%)



- Red (41%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.3530, 9.6720, 11.9440 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 YIQ color 87.3530, 9.6720, 11.9440 by changing the saturation by 10% instead.

■ 87.3530, 9.6720,
11.9440

■ 87.3530, 9.6720,
11.9440

■ 255.0000, -0.0000,
-0.0000

■ 63.9400, 9.3970,
11.4210

■ 137.4780, 10.8180,
13.2020

■ 41.3420, 8.2050,
10.9970

■ 163.4780, 10.8180,
13.2020

■ 20.3420, 8.2050,
10.9970

■ 190.8910, 11.0930,
13.7250

■ 0.2280, -0.6420,
0.6220

■ 219.1900, 11.6890,
13.9370

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.5000,
10.4600

87.3530, 9.6720,
11.9440

87.3530, 9.6720,
11.9440

81.1410, 13.3850,
16.2410

93.5650, 5.9590,
7.6470

74.4560, 17.0520,
21.3720

100.2500, 2.2920,
2.5160

68.2440, 20.7650,
25.6690

106.4620, -1.4210,
-1.7810

61.4450, 24.7530,
30.4890

113.2610, -5.4090,
-6.6010

55.3470, 28.1450,
35.0970

119.4730, -9.1220,
-10.8980

49.1350, 31.8580,
39.3940

125.5710,
-12.5140, -15.5060

42.3360, 35.8460,
44.2140

132.3700,
-16.5020, -20.3260

39.8740, 37.2670,

138.5820,

45.9950

-20.2150, -24.6230

■ 145.2670,
-23.8820, -29.7540

Harmonies

Analogous

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



86.6550, -2.9820, 9.9940



87.3530, 9.6720, 11.9440



86.7900, 18.5670, 10.4310

Triad

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



87.3530, 9.6720, 11.9440



84.3140, 13.4350, -6.7010



78.5600, -31.1760, -7.6880

Complementary

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



87.3530, 9.6720, 11.9440



93.6470, -9.6720, -11.9440

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.



79.1600, -24.2980, -11.1940



87.3530, 9.6720, 11.9440



82.7470, 1.7900, -10.4180

Square

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



87.3530, 9.6720, 11.9440



85.3090, 20.9990, -0.6090



81.1630, -11.1850, -12.0570



81.1030, -28.1510, -1.9350

Rectangle

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



87.3530, 9.6720, 11.9440



86.6500, 21.7770, 7.3210



81.1630, -11.1850, -12.0570



78.1040, -29.8920, -8.9320

Sweetspot

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



87.3530, 9.6720, 11.9440



128.2010, 3.9880, 4.8200



82.1710, -4.4950, 9.8810



64.6630, 2.5670, 3.0390



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



87.3530, 9.6720, 11.9440



109.0920, 15.0810, 18.5450



85.8710, 13.8450, 7.9010



47.9510, 1.6960, 2.3040



44.0750, 41.2550, 50.8150



92.7640, 86.7730, 106.9730

Inverse Universe

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



87.3530, 9.6720, 11.9440



109.0920, 15.0810, 18.5450



95.1290, -13.8450, -7.9010



47.9510, 1.6960, 2.3040



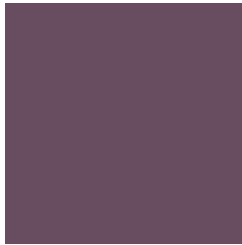
44.0750, 41.2550, 50.8150



92.7640, 86.7730, 106.9730

Previews

White Background



This preview shows how the YIQ color 87.3530, 9.6720, 11.9440 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 YIQ color 87.3530, 9.6720, 11.9440 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](#).

YIQ 87.3530, 9.6720, 11.9440

Background



This preview shows how black text looks on a background with the YIQ color 87.3530, 9.6720, 11.9440.

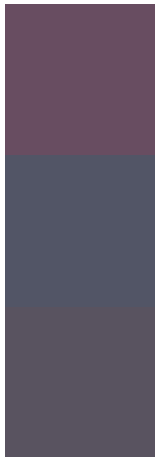


This preview shows how white text looks on a background with the YIQ color 87.3530, 9.6720,

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

87.3530, 9.6720, 11.9440

Protanopia

86.0410, -7.2450, 4.6510

Deuteranopia

86.2760, -0.5970, 5.3150



Tritanopia

86.5610, 11.7820, 6.7420

Trichromacy



Original Color

87.3530, 9.6720, 11.9440

Protanomaly

86.4440, -1.0100, 7.2940

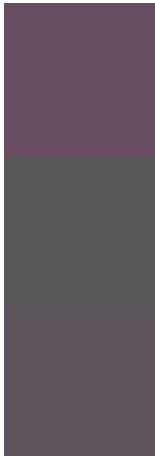
Deuteranomaly

86.5970, 2.9330, 7.4210

Tritanomaly

86.7290, 11.3690, 8.7210

Monochromacy



Original Color

87.3530, 9.6720, 11.9440

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.3530, 9.6720, 11.9440 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(104, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(104, 77, 97)  
}
```

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(104, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 77, 97) }
```

Border

The CSS property to change the border of an element to YIQ 87.3530, 9.6720, 11.9440 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(104, 77, 97) }
```


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

```
.border{ border-color:rgb(104, 77, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 77, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(104, 77,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 87.3530, 9.6720, 11.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 77, 97) }
```

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

```
.background{ background-color: rgb(104, 77,  
97) }
```

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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