

Converting Colors

YIQ(84.3240, -9.7200, -0.0560)

Have a look what the booklet for
YIQ(84.3240, -9.7200, -0.0560)
contains.

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Color

**YIQ(84.3240, -9.7200,
-0.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	4B575F
RGB	75, 87, 95
RGB Percent	29%, 34%, 37%
CMY	0.7059, 0.6588, 0.6275
CMYK	0.21, 0.08, 0.00, 0.63
HSL	204°, 12%, 33%
HSV	204°, 21%, 37%
XYZ	8.3748, 9.1388, 12.1463
YIQ	84.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

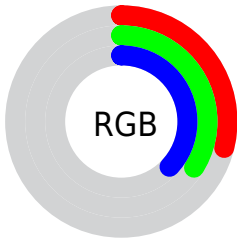
Format	Color
R_{YB}	75, 83, 95
Decimal	4937567
CIE _{Lab}	36.25, -2.72, -6.19
CIE _{LCh}	36, 6.764, 246.251
Yxy	9.1388, 0.2824, 0.3081
Android (android.graphics.Color)	4283127647 (0xFF4B575F)
YUV	84.3240, 5.2633, -8.1771
Hunter-Lab	30.2305, -3.4532, -2.6608

Details

The YIQ color **84.3240, -9.7200, -0.0560** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.6760, 9.7200, 0.0560**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.0250, -10.3160, -0.2680**, and **39.2100, -9.3990, -0.3670** is the 20% darker color. If you saturate the color by 10%, you get **78.9860, -14.5800, -0.0840**, and if you desaturate by 10%, it is **89.3630, -5.4560, -0.2400**.

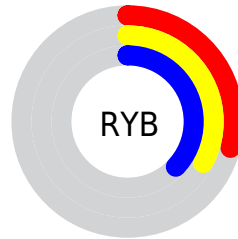
Distribution



Red (29%)

Green (34%)

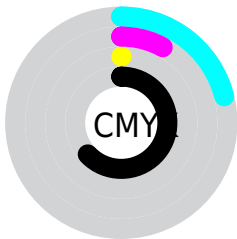
Blue (37%)



Red (29%)

Yellow (33%)

Blue (37%)

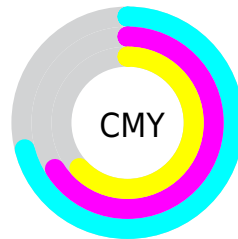


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (66%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.3240, -9.7200, -0.0560 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 84.3240, -9.7200, -0.0560 by changing the saturation by 10% instead.

■ 84.3240, -9.7200,
-0.0560

■ 84.3240, -9.7200,
-0.0560

■ 255.0000, -0.0000,
-0.0000

■ 61.2100, -9.3990,
-0.3670

■ 134.0250,
-10.3160, -0.2680

■ 39.2100, -9.3990,
-0.3670

■ 160.1390,
-10.6370, 0.0430

■ 17.9110, -9.9950,
-0.5790

■ 187.1390,
-10.6370, 0.0430

■ 0.0000, 0.0000,
0.0000

■ 214.8400,
-11.2330, -0.1690

■ 242.8400,
-11.2330, -0.1690

■ 84.3240, -9.7200,
-0.0560

■ 84.3240, -9.7200,
-0.0560

■ 78.9860, -14.5800,
-0.0840

■ 89.3630, -5.4560,
-0.2400

■ 73.9470, -18.8440,
0.1000

■ 94.7010, -0.5960,
-0.2120

■ 69.1960, -23.9790,
-0.4510

■ 99.1530, 3.9430,
0.1270

■ 64.1570, -28.2430,
-0.2670

■ 104.4910, 8.8030,
0.1550

■ 59.1180, -32.5070,
-0.0830

■ 109.5300, 13.0670,
-0.0290

■ 53.7800, -37.3670,
-0.1110

■ 114.8680, 17.9270,
-0.0010

■ 48.7410, -41.6310,
0.0730

■ 119.9070, 22.1910,
-0.1850

■ 44.2890, -46.1700,

■ 124.6580, 27.3260,

-0.2660

0.3660

■ 129.6970, 31.5900,
0.1820

Harmonies

Analogous

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



83.5580, -10.4990, -2.4590



84.3240, -9.7200, -0.0560



85.0580, -5.9150, 2.5730

Triad

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



84.3240, -9.7200, -0.0560



86.7130, 8.2980, 3.8020



84.2510, 0.5510, -4.4810

Complementary

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



84.3240, -9.7200, -0.0560



85.6760, 9.7200, 0.0560

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.



85.0560, 5.5940, -2.2620



84.3240, -9.7200, -0.0560



86.1430, 9.9030, 2.2470

Square

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



84.3240, -9.7200, -0.0560



86.2010, 3.9880, 4.8200



85.4910, 8.8030, 0.1550



83.6140, -4.9050, -4.7210

Rectangle

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



84.3240, -9.7200, -0.0560



85.8520, -2.3390, 3.8450



85.4910, 8.8030, 0.1550



84.2620, 2.0180, -3.5340

Sweetspot

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



84.3240, -9.7200, -0.0560



118.1460, -3.3470, 0.0850



87.6520, -8.0680, -7.9720



58.6300, -1.8340, 0.1980



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



84.3240, -9.7200, -0.0560



105.9860, -14.5800, -0.0840



78.4540, -6.9700, 5.1740



46.2170, -2.1090, -0.3250



52.0970, -54.3770, -0.2090



111.8880, -116.6400, -0.6720

Inverse Universe

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



82.3480, 8.0680, 7.9720



103.0220, 12.1020, 11.9580



91.5460, 6.9700, -5.1740



45.5380, 1.4210, 1.7810



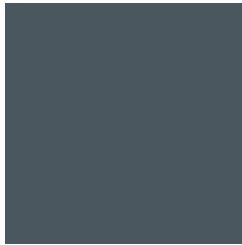
41.1260, 45.2450, 44.5810



88.1760, 96.8160, 95.6640

Previews

White Background



This preview shows how the YIQ color 84.3240, -9.7200, -0.0560 looks on a white background.

Color Contrast Check

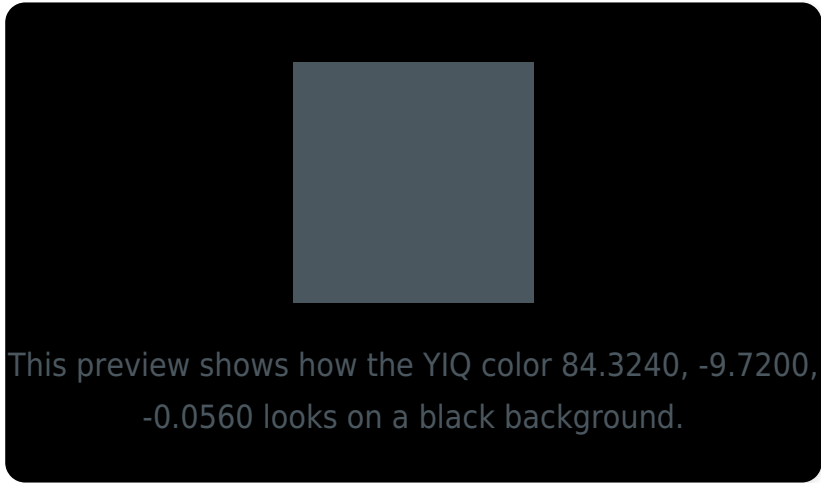
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

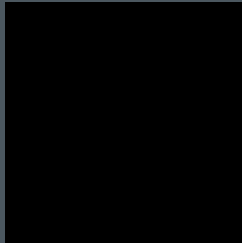
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.3240, -9.7200, -0.0560

Background



This preview shows how black text looks on a background with the YIQ color 84.3240, -9.7200, -0.0560.



This preview shows how white text looks on a background with the YIQ color 84.3240, -9.7200, -0.0560.

-0.0560.

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

84.3240, -9.7200, -0.0560

Protanopia

85.6130, -3.1640, 2.2760

Deuteranopia

85.9770, -1.1930, 5.1030



Tritanopia

84.2100, -9.3990, -0.3670

Trichromacy



Original Color

84.3240, -9.7200, -0.0560

Protanomaly

85.4170, -5.5480, 1.4280

Deuteranomaly

85.0690, -4.4480, 3.5200

Tritanomaly

84.2100, -9.3990, -0.3670

Monochromacy



Original Color

84.3240, -9.7200, -0.0560

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.1460, -3.3470, 0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.3240, -9.7200, -0.0560 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(75, 87, 95)` looks like.

```
.text, #text, p{  
    color:rgb(75, 87, 95)  
}
```

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(75, 87, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 87, 95) }
```

Border

The CSS property to change the border of an element to YIQ 84.3240, -9.7200, -0.0560 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(75, 87, 95) }
```


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

```
.border{ border-color:rgb(75, 87, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 87, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 87, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 87, 95);  
box-shadow:4px 4px 4px 4px rgb(75, 87, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 84.3240, -9.7200, -0.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 87, 95) }
```

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

```
.background{ background-color: rgb(75, 87,  
95) }
```

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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