

Converting Colors

YIQ(96.0920, -12.4230,
-11.6470)

Have a look what the booklet for
YIQ(96.0920, -12.4230, -11.6470)
contains.

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Color

**YIQ(96.0920, -12.4230,
-11.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6B5A
RGB	77, 107, 90
RGB Percent	30%, 42%, 35%
CMY	0.6981, 0.5803, 0.6471
CMYK	0.28, 0.00, 0.16, 0.58
HSL	146°, 16%, 36%
HSV	146°, 28%, 42%
XYZ	10.1630, 12.8330, 11.6122
YIQ	96.0920, -12.4230, -11.6470

Conversions

Conversions Part 2

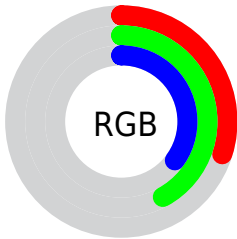
Format	Color
RYB	77, 98, 107
Decimal	5073754
CIELab	42.51, -14.88, 6.04
CIELCh	43, 16.059, 157.926
Yxy	12.8330, 0.2937, 0.3708
Android (android.graphics.Color)	4283263834 (0xFF4D6B5A)
YUV	96.0920, -3.0034, -16.7437
Hunter-Lab	35.8231, -12.0503, 5.8571

Details

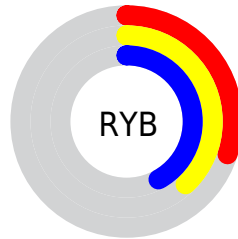
The YIQ color **96.0920, -12.4230, -11.6470** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87.9080, 12.4230, 11.6470**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6790, -12.6980, -12.1700**, and **48.9180, -11.8730, -10.6010** is the 20% darker color. If you saturate the color by 10%, you get **92.1190, -17.0530, -15.8450**, and if you desaturate by 10%, it is **100.0650, -7.7930, -7.4490**.

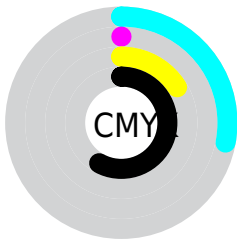
Distribution



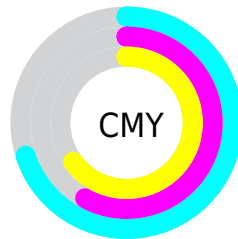
- Red (30%)
- Green (42%)
- Blue (35%)



- Red (30%)
- Yellow (38%)
- Blue (42%)



- Cyan (28%)
- Magenta (0%)
- Yellow (16%)
- Black (58%)



- Cyan (70%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.0920, -12.4230, -11.6470 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 96.0920, -12.4230, -11.6470 by changing the saturation by 10% instead.

96.0920, -12.4230,
-11.6470

96.0920, -12.4230,
-11.6470

255.0000, -0.0000,
-0.0000

72.5050, -12.1480,
-11.1240

146.6790,
-12.6980, -12.1700

48.9180, -11.8730,
-10.6010

173.2660,
-12.9730, -12.6930

27.7330, -12.7900,
-10.5020

200.9670,
-13.5690, -12.9050

9.3920, -4.4000,
-8.3680

229.1410,
-14.1190, -13.9510

0.0000, 0.0000,
0.0000

248.7490, -9.7190,
-5.5830

■ 96.0920, -12.4230,
-11.6470

■ 96.0920, -12.4230,
-11.6470

■ 92.1190, -17.0530,
-15.8450

■ 100.0650, -7.7930,
-7.4490

■ 88.4450, -21.0870,
-19.8310

■ 103.7390, -3.7590,
-3.4630

■ 84.4720, -25.7170,
-24.0290

■ 107.7120, 0.8710,
0.7350

■ 80.4990, -30.3470,
-28.2270

■ 111.6850, 5.5010,
4.9330

■ 76.5260, -34.9770,
-32.4250

■ 115.3590, 9.5350,
8.9190

■ 72.8520, -39.0110,
-36.4110

■ 119.3320, 14.1650,
13.1170

■ 68.8790, -43.6410,
-40.6090

■ 123.3050, 18.7950,
17.3150

■ 68.0530, -44.1910,

■ 127.3920, 23.1040,

-41.6550

21.8240

■ 131.0660, 27.1380,
25.8100

Harmonies

Analogous

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



97.5620, 0.8730, -10.3190



96.0920, -12.4230, -11.6470



94.6870, -24.3440, -10.3600

Triad

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



96.0920, -12.4230, -11.6470



99.6750, -14.9020, 5.7540



101.3680, 22.5110, 5.0310

Complementary

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



96.0920, -12.4230, -11.6470



87.9080, 12.4230, 11.6470

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.



102.4480, 19.5300, 9.4980



96.0920, -12.4230, -11.6470



102.1390, -1.4690, 10.1070

Square

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



96.0920, -12.4230, -11.6470



96.8260, -25.8130, -0.2530



102.5380, 10.5890, 11.8450



100.5970, 20.1280, -1.3440

Rectangle

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



96.0920, -12.4230, -11.6470



94.7020, -28.7000, -8.5080



102.5380, 10.5890, 11.8450



102.1230, 21.8230, 6.4870

Sweetspot

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



96.0920, -12.4230, -11.6470



136.0270, -4.6300, -4.1980



99.9920, 2.4780, -11.8740



68.4510, -2.8880, -2.7280



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.



96.0920, -12.4230, -11.6470



122.8690, -19.3450, -18.3610



97.8020, -17.2380, -6.9820



51.8640, -2.6130, -2.2050



74.4930, -48.5460, -45.3300



155.8990, -101.4010, -95.1690

Inverse Universe

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



87.9080, 12.4230, 11.6470



110.1310, 19.3450, 18.3610



86.1980, 17.2380, 6.9820



50.1360, 2.6130, 2.2050



42.5070, 48.5460, 45.3300



89.1010, 101.4010, 95.1690

Previews

White Background



This preview shows how the YIQ color 96.0920, -12.4230, -11.6470 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 YIQ color 96.0920, -12.4230, -11.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

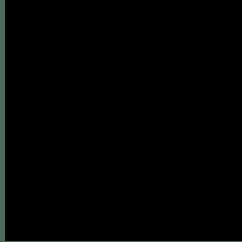
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.0920, -12.4230, -11.6470

Background



This preview shows how black text looks on a background with the YIQ color 96.0920, -12.4230, -11.6470.



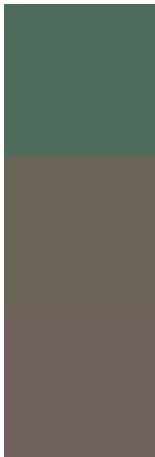
This preview shows how white text looks on a background with the YIQ color 96.0920, -12.4230,

-11.6470.

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

96.0920, -12.4230, -11.6470

Protanopia

99.8990, 7.4740, -3.2940

Deuteranopia

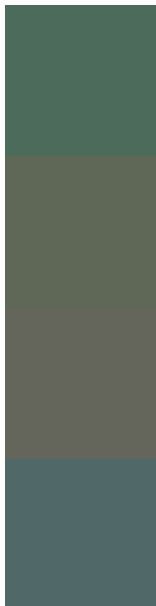
101.2140, 11.1410, 1.8370



Tritanopia

98.0350, -16.2760, -2.3880

Trichromacy



Original Color

96.0920, -12.4230, -11.6470

Protanomaly

98.7840, 0.3680, -6.6720

Deuteranomaly

99.5610, 2.6140, -3.3220

Tritanomaly

97.4110, -14.5790, -5.6110

Monochromacy



Original Color

96.0920, -12.4230, -11.6470

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.0270, -4.6300, -4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.0920, -12.4230, -11.6470 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(77, 107, 90)` looks like.

```
.text, #text, p{  
    color:rgb(77, 107, 90)  
}
```

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(77, 107, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 107, 90) }
```

Border

The CSS property to change the border of an element to YIQ 96.0920, -12.4230, -11.6470 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(77, 107, 90) }
```


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

```
.border{ border-color:rgb(77, 107, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 107, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 107, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 107, 90);  
box-shadow:4px 4px 4px 4px rgb(77, 107,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 96.0920, -12.4230, -11.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 107, 90) }
```

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

```
.background{ background-color: rgb(77, 107,  
90) }
```

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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