

Converting Colors

YIQ(92.4910, -17.5600, -1.1440)

Have a look what the booklet for
YIQ(92.4910, -17.5600, -1.1440)
contains.

YIQ(92.4910, -17.5600, -1.1440)	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

**YIQ(92.4910, -17.5600,
-1.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	4B626E
RGB	75, 98, 110
RGB Percent	29%, 38%, 43%
CMY	0.7059, 0.6156, 0.5687
CMYK	0.32, 0.11, 0.00, 0.57
HSL	201°, 19%, 36%
HSV	201°, 32%, 43%
XYZ	10.0827, 11.3579, 16.4070
YIQ	92.4910, -17.5600, -1.1440

Conversions

Conversions Part 2

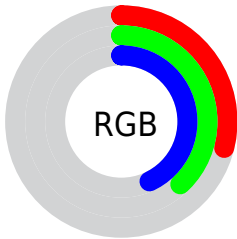
Format	Color
RYB	75, 89, 110
Decimal	4940398
CIELab	40.18, -5.45, -9.57
CIELCh	40, 11.014, 240.340
Yxy	11.3579, 0.2664, 0.3001
Android (android.graphics.Color)	4283130478 (0xFF4B626E)
YUV	92.4910, 8.6319, -15.3396
Hunter-Lab	33.7015, -5.5747, -5.2733

Details

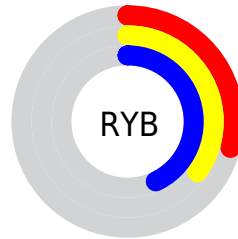
The YIQ color **92.4910, -17.5600, -1.1440** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.5090, 17.5600, 1.1440**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **143.3060, -18.4770, -1.0450**, and **46.2630, -16.9180, -1.7660** is the 20% darker color. If you saturate the color by 10%, you get **86.8540, -23.0160, -1.3840**, and if you desaturate by 10%, it is **98.1280, -12.1040, -0.9040**.

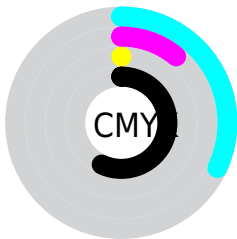
Distribution



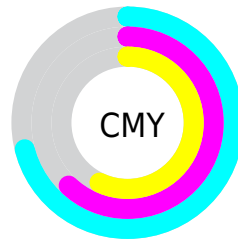
- Red (29%)
- Green (38%)
- Blue (43%)



- Red (29%)
- Yellow (35%)
- Blue (43%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (57%)



- Cyan (71%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.4910, -17.5600, -1.1440 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 92.4910, -17.5600, -1.1440 by changing the saturation by 10% instead.

■ 92.4910, -17.5600,
-1.1440

■ 92.4910, -17.5600,
-1.1440

■ 255.0000, -0.0000,
-0.0000

■ 68.4910, -17.5600,
-1.1440

■ 143.3060,
-18.4770, -1.0450

■ 46.2630, -16.9180,
-1.7660

■ 169.4200,
-18.7980, -0.7340

■ 24.6650, -18.1100,
-2.1900

■ 197.0070,
-19.0730, -1.2570

■ 3.5680, -7.2910,
5.4850

■ 225.1210,
-19.3940, -0.9460

■ 0.0000, 0.0000,
0.0000

■ 248.7210,
-12.5160, -4.4520

■ 92.4910, -17.5600,
-1.1440

■ 92.4910, -17.5600,
-1.1440

■ 86.8540, -23.0160,
-1.3840

■ 98.1280, -12.1040,
-0.9040

■ 81.2170, -28.4720,
-1.6240

■ 103.7650, -6.6480,
-0.6640

■ 76.1670, -34.2030,
-2.3870

■ 108.8150, -0.9170,
0.0990

■ 70.5300, -39.6590,
-2.6270

■ 114.4520, 4.5390,
0.3390

■ 64.8930, -45.1150,
-2.8670

■ 120.0890, 9.9950,
0.5790

■ 59.2560, -50.5710,
-3.1070


■ 125.7260, 15.4510,
0.8190

■ 54.8040, -55.1100,
-3.4460

■ 130.7760, 21.1820,
1.5820

■ 136.4130, 26.6380,

1.8220

 142.0500, 32.0940,
2.0620

Harmonies

Analogous

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



91.6710, -18.2470, -5.2150



92.4910, -17.5600, -1.1440



93.9480, -11.4170, 3.1670

Triad

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



92.4910, -17.5600, -1.1440



96.2730, 12.6530, 7.4770



93.4530, 2.7980, -6.6580

Complementary

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



92.4910, -17.5600, -1.1440



92.5090, 17.5600, 1.1440

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.



94.4540, 10.2250, -3.5910



92.4910, -17.5600, -1.1440



95.8340, 15.2670, 4.1550

Square

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



92.4910, -17.5600, -1.1440



96.6790, 5.6380, 7.9580



95.0140, 14.5800, 0.0840



92.4350, -5.9590, -7.6470

Rectangle

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



92.4910, -17.5600, -1.1440



95.0520, -5.7780, 5.5980



95.0140, 14.5800, 0.0840



93.6490, 5.1820, -5.8100

Sweetspot

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



92.4910, -17.5600, -1.1440



135.8790, -6.9690, -0.3530



96.9130, -13.4770, -14.5730



66.8470, -3.9430, -0.1270



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.



92.4910, -17.5600, -1.1440



115.7010, -26.9590, -1.5110



82.5120, -12.8850, 7.7470



53.0320, -3.0260, -0.2260



60.0530, -60.2450, -3.9970



123.8390, -124.1120, -8.4320

Inverse Universe

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



88.0870, 13.4770, 14.5730



109.1360, 20.9490, 22.3330



102.4880, 12.8850, -7.7470



52.2500, 2.2920, 2.5160



44.8860, 46.1610, 50.0090



92.4350, 94.8890, 103.0570

Previews

White Background



This preview shows how the YIQ color 92.4910, -17.5600, -1.1440 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 92.4910, -17.5600, -1.1440 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 92.4910, -17.5600, -1.1440

Background



This preview shows how black text looks on a background with the YIQ color 92.4910, -17.5600, -1.1440.



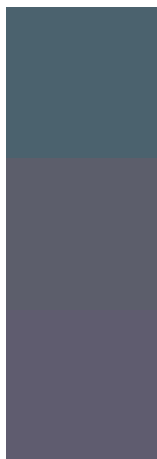
This preview shows how white text looks on a background with the YIQ color 92.4910, -17.5600,

-1.1440.

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

92.4910, -17.5600, -1.1440

Protanopia

94.8840, -5.3650, 3.6190

Deuteranopia

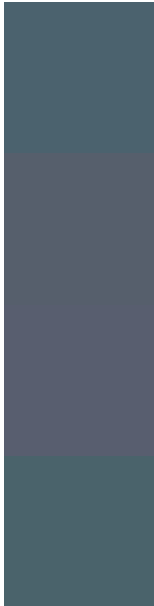
95.0630, -4.3110, 6.5450



Tritanopia

92.3230, -17.1470, -3.1230

Trichromacy



Original Color

92.4910, -17.5600, -1.1440

Protanomaly

93.7910, -9.5370, 2.1350

Deuteranomaly

94.1440, -9.0330, 4.0150

Tritanomaly

92.4370, -17.4680, -2.8120

Monochromacy



Original Color

92.4910, -17.5600, -1.1440

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.1780, -6.3730, -0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.4910, -17.5600, -1.1440 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, 98, 110)` looks like.

```
.text, #text, p{  
    color:rgb(75, 98, 110)  
}
```

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, 98, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 98, 110) }
```

Border

The CSS property to change the border of an element to YIQ 92.4910, -17.5600, -1.1440 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, 98, 110) }
```


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

```
.border{ border-color:rgb(75, 98, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 98, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 98, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 98, 110);  
box-shadow:4px 4px 4px 4px rgb(75, 98,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 92.4910, -17.5600, -1.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 98, 110) }
```

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

```
.background{ background-color: rgb(75, 98,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor