

Converting Colors

YIQ(90.0570, -13.3420, -0.4940)

Have a look what the booklet for
YIQ(90.0570, -13.3420, -0.4940)
contains.

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Color

**YIQ(90.0570, -13.3420,
-0.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5E68
RGB	77, 94, 104
RGB Percent	30%, 37%, 41%
CMY	0.6981, 0.6313, 0.5922
CMYK	0.26, 0.10, 0.00, 0.59
HSL	202°, 15%, 35%
HSV	202°, 26%, 41%
XYZ	9.5611, 10.5833, 14.6314
YIQ	90.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

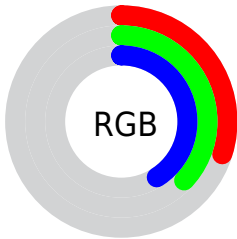
Format	Color
RYB	77, 87, 104
Decimal	5070440
CIELab	38.87, -3.97, -7.84
CIELCh	39, 8.786, 243.144
Yxy	10.5833, 0.2749, 0.3043
Android (android.graphics.Color)	4283260520 (0xFF4D5E68)
YUV	90.0570, 6.8739, -11.4510
Hunter-Lab	32.5319, -4.4699, -3.8937

Details

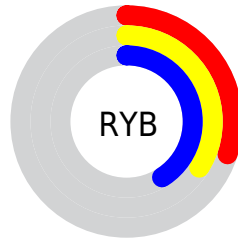
The YIQ color $90.0570, -13.3420, -0.4940$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $90.9430, 13.3420, 0.4940$, and the grayscale version is $90.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $140.1710, -13.6630, -0.1830$, and $44.2420, -12.4250, -0.5930$ is the 20% darker color. If you saturate the color by 10%, you get $84.7190, -18.2020, -0.5220$, and if you desaturate by 10%, it is $95.3950, -8.4820, -0.4660$.

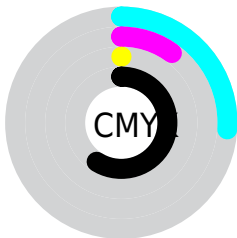
Distribution



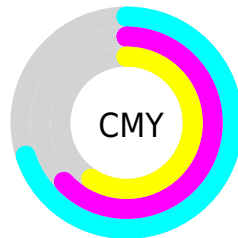
- Red (30%)
- Green (37%)
- Blue (41%)



- Red (30%)
- Yellow (34%)
- Blue (41%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (70%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.0570, -13.3420, -0.4940 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 90.0570, -13.3420, -0.4940 by changing the saturation by 10% instead.

■ 90.0570, -13.3420,
-0.4940

■ 90.0570, -13.3420,
-0.4940

■ 255.0000, -0.0000,
-0.0000

■ 66.3560, -12.7460,
-0.2820

■ 140.1710,
-13.6630, -0.1830

■ 44.2420, -12.4250,
-0.5930

■ 166.8720,
-14.2590, -0.3950

■ 22.9430, -13.0210,
-0.8050

■ 193.8720,
-14.2590, -0.3950

■ 2.1830, -4.7690,
3.8310

■ 221.6870,
-15.1760, -0.2960

■ 0.0000, 0.0000,
0.0000

■ 249.0200,
-11.9200, -4.2400

■ 90.0570, -13.3420,
-0.4940

■ 90.0570, -13.3420,
-0.4940

■ 84.7190, -18.2020,
-0.5220

■ 95.3950, -8.4820,
-0.4660

■ 79.0820, -23.6580,
-0.7620

■ 101.0320, -3.0260,
-0.2260

■ 73.7440, -28.5180,
-0.7900

■ 106.3700, 1.8340,
-0.1980

■ 68.6940, -34.2490,
-1.5530

■ 111.4200, 7.5650,
0.5650

■ 63.3560, -39.1090,
-1.5810

■ 116.7580, 12.4250,
0.5930

■ 58.0180, -43.9690,
-1.6090

■ 122.0960, 17.2850,
0.6210

■ 52.3810, -49.4250,
-1.8490

■ 127.7330, 22.7410,
0.8610

■ 50.5980, -51.5340,

■ 133.0710, 27.6010,

-2.1740

0.8890

■ 138.7080, 33.0570,
1.1290

Harmonies

Analogous

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



88.8780, -14.3960, -3.4200



90.0570, -13.3420, -0.4940



91.5030, -8.6660, 2.8700

Triad

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



90.0570, -13.3420, -0.4940



93.1370, 10.0400, 5.2720



90.3220, 1.7890, -4.8910

Complementary

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



90.0570, -13.3420, -0.4940



90.9430, 13.3420, 0.4940

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.



91.1980, 8.0700, -3.0820



90.0570, -13.3420, -0.4940



92.3390, 12.2870, 3.0950

Square

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



90.0570, -13.3420, -0.4940



93.3260, 5.1340, 6.0780



92.0460, 11.5540, -0.1420



89.6740, -5.1340, -6.0780

Rectangle

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



90.0570, -13.3420, -0.4940



92.0090, -4.2190, 4.8770



92.0460, 11.5540, -0.1420



90.6920, 3.6230, -5.0890

Sweetspot

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



90.0570, -13.3420, -0.4940



129.3630, -5.4560, -0.2400



93.9890, -10.6350, -11.0110



65.1460, -3.3470, 0.0850



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.



90.0570, -13.3420, -0.4940



113.6370, -20.9070, -1.0590



82.4260, -9.7670, 6.3050



48.3310, -2.4300, -0.0140



55.3740, -56.7150, -1.8910



117.3990, -119.7570, -4.7570

Inverse Universe

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



87.0110, 10.6350, 11.0110



108.6360, 16.3650, 17.3010



98.5740, 9.7670, -6.3050



47.8370, 2.0170, 1.9930



42.5930, 45.4280, 46.7720



89.8000, 95.1190, 98.8870

Previews

White Background



This preview shows how the YIQ color 90.0570, -13.3420, -0.4940 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 90.0570, -13.3420, -0.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

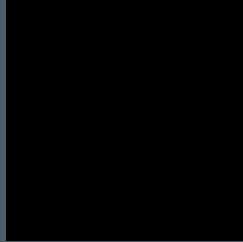
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

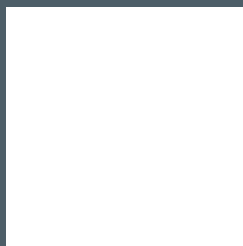
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 90.0570, -13.3420, -0.4940

Background



This preview shows how black text looks on a background with the YIQ color 90.0570, -13.3420, -0.4940.



This preview shows how white text looks on a background with the YIQ color 90.0570, -13.3420,

-0.4940.

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

90.0570, -13.3420, -0.4940

Protanopia

91.9550, -4.1270, 3.2090

Deuteranopia

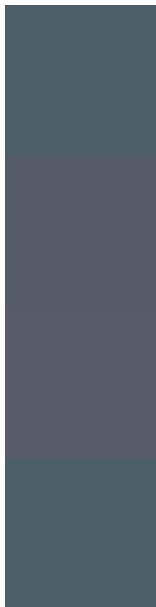
92.3190, -2.1560, 6.0360



Tritanopia

89.8290, -12.7000, -1.1160

Trichromacy



Original Color

90.0570, -13.3420, -0.4940

Protanomaly

91.1610, -7.7030, 1.9370

Deuteranomaly

91.6990, -6.2820, 3.7180

Tritanomaly

89.9430, -13.0210, -0.8050

Monochromacy



Original Color

90.0570, -13.3420, -0.4940

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.6620, -4.8600, -0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.0570, -13.3420, -0.4940 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, 94, 104)` looks like.

```
.text, #text, p{  
    color:rgb(77, 94, 104)  
}
```

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, 94, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 94, 104) }
```

Border

The CSS property to change the border of an element to YIQ 90.0570, -13.3420, -0.4940 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, 94, 104) }
```


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

```
.border{ border-color:rgb(77, 94, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 94, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 94, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 94, 104);  
box-shadow:4px 4px 4px 4px rgb(77, 94,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 90.0570, -13.3420, -0.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 94, 104) }
```

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

```
.background{ background-color: rgb(77, 94,  
104) }
```

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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