

Converting Colors

YIQ(91.3510, -14.3500, -4.2540)

Have a look what the booklet for
YIQ(91.3510, -14.3500, -4.2540)
contains.

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Color

**YIQ(91.3510, -14.3500,
-4.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6264
RGB	75, 98, 100
RGB Percent	29%, 38%, 39%
CMY	0.7059, 0.6156, 0.6079
CMYK	0.25, 0.02, 0.00, 0.61
HSL	185°, 14%, 34%
HSV	185°, 25%, 39%
XYZ	9.5687, 11.1523, 13.7011
YIQ	91.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

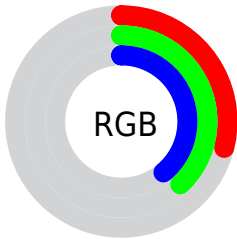
Format	Color
R_{YB}	75, 87, 100
Decimal	4940388
CIE Lab	39.84, -8.07, -3.95
CIE LCh	40, 8.988, 206.091
Yxy	11.1523, 0.2780, 0.3240
Android (android.graphics.Color)	4283130468 (0xFF4B6264)
YUV	91.3510, 4.2640, -14.3398
Hunter-Lab	33.3950, -7.2956, -0.9486

Details

The YIQ color $91.3510, -14.3500, -4.2540$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $83.6490, 14.3500, 4.2540$, and the grayscale version is $91.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $141.7530, -15.5420, -4.6780$, and $45.5360, -13.4330, -4.3530$ is the 20% darker color. If you saturate the color by 10%, you get $87.7740, -20.0350, -5.8510$, and if you desaturate by 10%, it is $94.9280, -8.6650, -2.6570$.

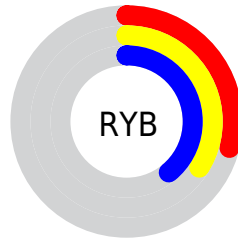
Distribution



Red (29%)

Green (38%)

Blue (39%)



Red (29%)

Yellow (34%)

Blue (39%)

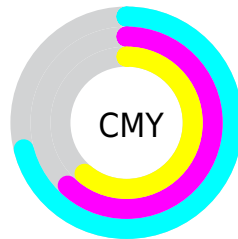


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (61%)



Cyan (71%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.3510, -14.3500, -4.2540 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 91.3510, -14.3500, -4.2540 by changing the saturation by 10% instead.

■ 91.3510, -14.3500,
-4.2540

■ 91.3510, -14.3500,
-4.2540

■ 255.0000, -0.0000,
-0.0000

■ 67.6500, -13.7540,
-4.0420

■ 141.7530,
-15.5420, -4.6780

■ 45.5360, -13.4330,
-4.3530

■ 167.7530,
-15.5420, -4.6780

■ 23.6500, -13.7540,
-4.0420

■ 195.4540,
-16.1380, -4.8900

■ 1.0260, -2.8890,
2.7990

■ 223.4540,
-16.1380, -4.8900

■ 0.0000, 0.0000,
0.0000

■ 248.4220,
-13.1120, -4.6640

■ 91.3510, -14.3500,
-4.2540

■ 91.3510, -14.3500,
-4.2540

■ 87.7740, -20.0350,
-5.8510

■ 94.9280, -8.6650,
-2.6570

■ 84.1970, -25.7200,
-7.4480

■ 98.5050, -2.9800,
-1.0600

■ 81.2070, -31.6800,
-9.5680

■ 101.4950, 2.9800,
1.0600

■ 77.6300, -37.3650,
-11.1650

■ 105.0720, 8.6650,
2.6570

■ 74.0530, -43.0500,
-12.7620

■ 108.6490, 14.3500,
4.2540

■ 70.4760, -48.7350,
-14.3590

■ 112.2260, 20.0350,
5.8510

■ 66.8990, -54.4200,
-15.9560

■ 115.8030, 25.7200,
7.4480

■ 65.4040, -57.4000,

■ 118.7930, 31.6800,

-17.0160

9.5680

■ 122.3700, 37.3650,
11.1650

Harmonies

Analogous

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



91.4500, -10.3150, -5.7950



91.3510, -14.3500, -4.2540



92.3450, -14.2130, -1.2290

Triad

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



91.3510, -14.3500, -4.2540



95.2550, 3.8960, 6.4880



93.7960, 9.2620, -2.6580

Complementary

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



91.3510, -14.3500, -4.2540



83.6490, 14.3500, 4.2540

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.



94.7580, 12.4250, 0.5930



91.3510, -14.3500, -4.2540



95.3650, 9.3980, 5.8940

Square

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



91.3510, -14.3500, -4.2540



94.3080, -3.6230, 5.0890



94.8660, 12.2410, 3.9290



92.8060, 3.3020, -4.7780

Rectangle

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



91.3510, -14.3500, -4.2540



93.1820, -12.1960, 0.7640



94.8660, 12.2410, 3.9290



93.9210, 10.4080, -1.4000

Sweetspot

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



91.3510, -14.3500, -4.2540



126.4230, -5.6850, -1.5970



89.9030, -7.5170, -12.4530



64.2060, -3.5760, -1.2720



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



91.3510, -14.3500, -4.2540



116.5780, -22.4190, -6.6990



84.3070, -11.0500, 2.0220



49.5050, -2.9800, -1.0600



75.3320, -66.0650, -19.6730



158.4890, -139.0070, -41.3670

Inverse Universe

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



85.0970, 7.5170, 12.4530



106.7650, 11.6880, 19.4640



90.6930, 11.0500, -2.0220



48.0650, 1.3750, 2.6150



46.4690, 34.5140, 57.3460



97.7800, 72.6490, 120.6570

Previews

White Background



This preview shows how the YIQ color 91.3510, -14.3500, -4.2540 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 91.3510, -14.3500, -4.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

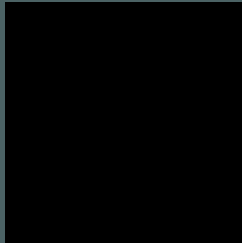
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.3510, -14.3500, -4.2540

Background



This preview shows how black text looks on a background with the YIQ color 91.3510, -14.3500, -4.2540.



This preview shows how white text looks on a background with the YIQ color 91.3510, -14.3500,

-4.2540.

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

91.3510, -14.3500, -4.2540

Protanopia

93.7550, -0.6880, 1.4560

Deuteranopia

94.5320, 1.5580, 4.8060



Tritanopia

91.6330, -15.0840, -1.9640

Trichromacy



Original Color

91.3510, -14.3500, -4.2540

Protanomaly

92.9500, -5.7310, -0.7630

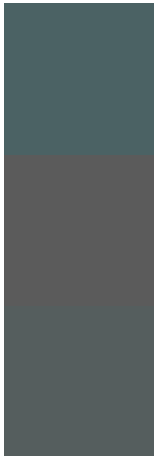
Deuteranomaly

93.6020, -4.6310, 1.3290

Tritanomaly

91.4050, -14.4420, -2.5860

Monochromacy



Original Color

91.3510, -14.3500, -4.2540

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.3090, -5.3640, -1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.3510, -14.3500, -4.2540 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(75, 98, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 98, 100) }
```

Border

The CSS property to change the border of an element to YIQ 91.3510, -14.3500, -4.2540 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, 100) }
```


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

```
.border{ border-color:rgb(75, 98, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 98, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 98, 100);  
box-shadow:4px 4px 4px 4px rgb(75, 98,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 91.3510, -14.3500, -4.2540 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, 100) }
```

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

```
.background{ background-color: rgb(75, 98,  
100) }
```

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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