

Converting Colors

YIQ(93.4640, -12.9300, 3.0540)

Have a look what the booklet for
YIQ(93.4640, -12.9300, 3.0540)
contains.

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Color

**YIQ(93.4640, -12.9300,
3.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	535F71
RGB	83, 95, 113
RGB Percent	33%, 37%, 44%
CMY	0.6745, 0.6274, 0.5569
CMYK	0.27, 0.16, 0.00, 0.56
HSL	216°, 15%, 38%
HSV	216°, 27%, 44%
XYZ	10.6393, 11.2160, 17.2220
YIQ	93.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

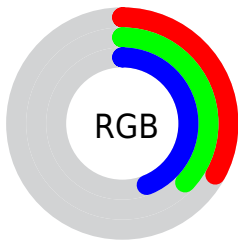
Format	Color
R_{YB}	83, 92, 113
Decimal	5463921
CIE Lab	39.94, -0.16, -11.71
CIE LCh	40, 11.711, 269.216
Yxy	11.2160, 0.2723, 0.2870
Android (android.graphics.Color)	4283654001 (0xFF535F71)
YUV	93.4640, 9.6312, -9.1769
Hunter-Lab	33.4903, -1.9019, -7.0460

Details

The YIQ color **93.4640, -12.9300, 3.0540** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.5360, 12.9300, -3.0540**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.6920, -13.5720, 3.6760**, and **47.2360, -12.2880, 2.4320** is the 20% darker color. If you saturate the color by 10%, you get **86.0660, -17.5610, 4.3830**, and if you desaturate by 10%, it is **100.8620, -8.2990, 1.7250**.

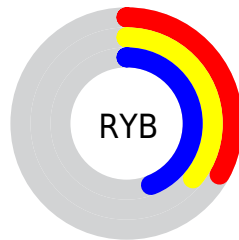
Distribution



Red (33%)

Green (37%)

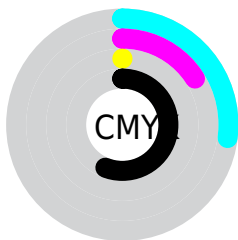
Blue (44%)



Red (33%)

Yellow (36%)

Blue (44%)

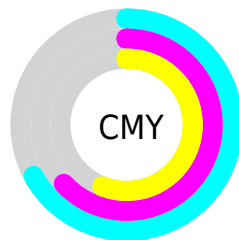


Cyan (27%)

Magenta (16%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (63%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.4640, -12.9300, 3.0540 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 93.4640, -12.9300, 3.0540 by changing the saturation by 10% instead.

■ 93.4640, -12.9300,
3.0540

■ 93.4640, -12.9300,
3.0540

■ 255.0000, -0.0000,
-0.0000

■ 69.3500, -12.6090,
2.7430

■ 143.6920,
-13.5720, 3.6760

■ 47.2360, -12.2880,
2.4320

■ 170.3930,
-14.1680, 3.4640

■ 25.8230, -12.5630,
1.9090

■ 197.5070,
-14.4890, 3.7750

■ 3.2090, -7.6580,
6.6300

■ 225.5070,
-14.4890, 3.7750

■ 0.0000, 0.0000,
0.0000

■ 251.4120, -7.1520,
-2.5440

■ 93.4640, -12.9300,
3.0540

■ 93.4640, -12.9300,
3.0540

■ 86.0660, -17.5610,
4.3830

■ 100.8620, -8.2990,
1.7250

■ 78.3690, -22.7880,
5.5000

■ 108.5590, -3.0720,
0.6080

■ 71.5580, -27.6940,
6.3060

■ 115.3700, 1.8340,
-0.1980

■ 64.1600, -32.3250,
7.6350

■ 122.7680, 6.4650,
-1.5270

■ 56.7620, -36.9560,
8.9640

■ 130.1660, 11.0960,
-2.8560

■ 49.0650, -42.1830,
10.0810

■ 137.8630, 16.3230,
-3.9730

■ 42.2540, -47.0890,
10.8870

■ 144.6740, 21.2290,
-4.7790

■ 39.2970, -48.6480,

■ 152.0720, 25.8600,

11.6080

-6.1080

 159.7690, 31.0870,
-7.2250

Harmonies

Analogous

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



91.8930, -18.7520, -1.5680



93.4640, -12.9300, 3.0540



95.3620, -3.7150, 6.7570

Triad

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



93.4640, -12.9300, 3.0540



95.4320, 16.4590, 4.5790



91.9080, -5.9130, -8.4810

Complementary

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



93.4640, -12.9300, 3.0540



102.5360, 12.9300, -3.0540

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.



92.3390, 3.1190, -6.9690



93.4640, -12.9300, 3.0540



94.6120, 15.7720, 0.5080

Square

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



93.4640, -12.9300, 3.0540



95.6860, 12.9280, 8.0000



93.6390, 11.1420, -3.6900



90.8300, -14.4410, -8.1130

Rectangle

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



93.4640, -12.9300, 3.0540



95.8250, 2.2910, 8.0430



93.6390, 11.1420, -3.6900



91.8760, -2.8870, -8.2550

Sweetspot

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



93.4640, -12.9300, 3.0540



140.3030, -5.2270, 1.1170



102.5480, -13.7070, -10.4030



69.5590, -3.0720, 0.6080



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



93.4640, -12.9300, 3.0540



117.5110, -20.3120, 4.6800



87.0180, -8.4380, 9.7540



52.4450, -2.7510, 0.2970



41.8560, -51.7200, 12.2160



86.2710, -106.5120, 25.0400

Inverse Universe

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



93.3380, 14.0280, 10.0920



117.2190, 21.9130, 15.8730



108.6830, 7.8420, -9.9660



52.1360, 2.6130, 2.2050



41.3520, 56.1120, 40.3680



85.1390, 115.4330, 83.1530

Previews

White Background



This preview shows how the YIQ color 93.4640, -12.9300, 3.0540 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 93.4640, -12.9300, 3.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

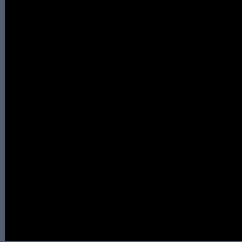
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

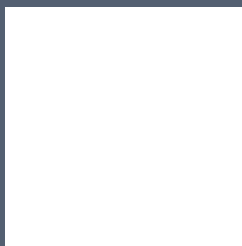
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 93.4640, -12.9300, 3.0540

Background



This preview shows how black text looks on a background with the YIQ color 93.4640, -12.9300, 3.0540.

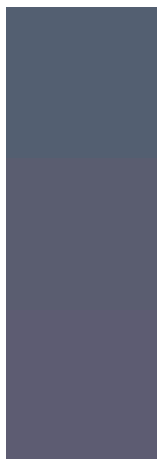


This preview shows how white text looks on a background with the YIQ color 93.4640, -12.9300,

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

93.4640, -12.9300, 3.0540

Protanopia

94.2690, -7.8870, 5.2730

Deuteranopia

94.8070, -6.4660, 7.0540



Tritanopia

93.0140, -11.7830, -1.2150

Trichromacy



Original Color

93.4640, -12.9300, 3.0540

Protanomaly

93.9590, -9.9500, 4.1140

Deuteranomaly

94.1980, -9.1250, 5.6830

Tritanomaly

93.0680, -11.8750, 0.4530

Monochromacy



Original Color

93.4640, -12.9300, 3.0540

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.1890, -4.9060, 0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.4640, -12.9300, 3.0540 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(83, 95, 113)` looks like.

```
.text, #text, p{  
    color:rgb(83, 95, 113)  
}
```

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(83, 95, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 95, 113) }
```

Border

The CSS property to change the border of an element to YIQ 93.4640, -12.9300, 3.0540 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(83, 95, 113) }
```


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

```
.border{ border-color:rgb(83, 95, 113) }
```

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

Here you see how a box with a 4 pixel rgb(83, 95, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 95, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 95, 113);  
box-shadow:4px 4px 4px 4px rgb(83, 95,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 93.4640, -12.9300, 3.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 95, 113) }
```

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

```
.background{ background-color: rgb(83, 95,  
113) }
```

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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