

Converting Colors

YIQ(93.6040, -41.3620, 33.7580)

Have a look what the booklet for
YIQ(93.6040, -41.3620, 33.7580)
contains.

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Color

**YIQ(93.6040, -41.3620,
33.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	4B53C5
RGB	75, 83, 197
RGB Percent	29%, 33%, 77%
CMY	0.7058, 0.6745, 0.2277
CMYK	0.62, 0.58, 0.00, 0.23
HSL	236°, 51%, 53%
HSV	236°, 62%, 77%
XYZ	16.0669, 11.7117, 54.1984
YIQ	93.6040, -41.3620, 33.7580

Conversions

Conversions Part 2

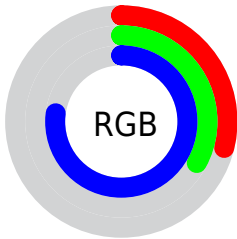
Format	Color
R_{YB}	75, 83, 197
Decimal	4936645
CIE _{Lab}	40.75, 31.83, -60.65
CIE _{LCh}	41, 68.497, 297.691
Yxy	11.7117, 0.1960, 0.1429
Android (android.graphics.Color)	4283126725 (0xFF4B53C5)
YUV	93.6040, 50.9742, -16.3157
Hunter-Lab	34.2224, 23.9138, -69.9426

Details

The YIQ color **93.6040, -41.3620, 33.7580** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **178.3960, 41.3620, -33.7580**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.9190, -37.6950, 38.8890**, and **38.4940, -56.0320, 24.2880** is the 20% darker color. If you saturate the color by 10%, you get **77.0580, -48.3320, 38.9320**, and if you desaturate by 10%, it is **110.1500, -34.3920, 28.5840**.

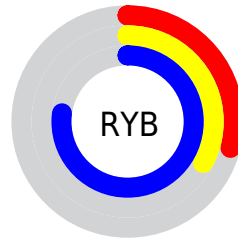
Distribution



Red (29%)

Green (33%)

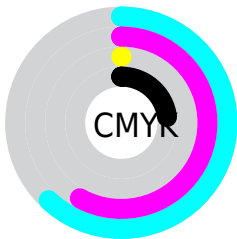
Blue (77%)



Red (29%)

Yellow (33%)

Blue (77%)

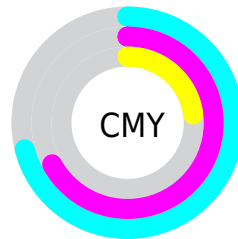


Cyan (62%)

Magenta (58%)

Yellow (0%)

Black (23%)



Cyan (71%)

Magenta (67%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.6040, -41.3620, 33.7580 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 93.6040, -41.3620, 33.7580 by changing the saturation by 10% instead.

■ 93.6040, -41.3620,
33.7580

■ 93.6040, -41.3620,
33.7580

■ 255.0000, -0.0000,
-0.0000

■ 66.4460, -46.9090,
29.6590

■ 146.8050,
-37.3740, 38.5780

■ 38.4940, -56.0320,
24.2880

■ 171.4390,
-27.8360, 30.9160

■ 24.3770, -42.4610,
26.1390

■ 196.2580,
-17.3810, 23.1550

■ 10.3740, -29.2110,
28.3010

■ 220.7780, -7.5220,
15.1820

■ 11.6330, -23.1110,
16.8650

■ 247.0700, 2.9790,
6.5870

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 93.6040, -41.3620,
33.7580

■ 93.6040, -41.3620,
33.7580

■ 77.0580, -48.3320,
38.9320

■ 110.1500,
-34.3920, 28.5840

■ 60.2240, -54.4310,
44.8410

■ 126.9840,
-28.2930, 22.6750

■ 43.6780, -61.4010,
50.0150

■ 143.5300,
-21.3230, 17.5010

■ 30.0890, -66.8120,
54.4680

■ 160.6630,
-14.6280, 11.8040

■ 176.9100, -8.2540,
6.4180

■ 193.4560, -1.2840,
1.2440

■ 210.5890, 5.4110,
-4.4530

■ 227.1350, 12.3810,
-9.6270

■ 243.9690, 18.4800,
-15.5360

Harmonies

Analogous

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



85.5750, -96.2850, 10.3950



93.6040, -41.3620, 33.7580



93.0170, 29.9750, 57.0070

Triad

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



93.6040, -41.3620, 33.7580



88.0660, 78.7230, -0.4850



80.1130, -61.6150, -34.2470

Complementary

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



93.6040, -41.3620, 33.7580



178.3960, 41.3620, -33.7580

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.



70.6970, -40.6130, -51.4370



93.6040, -41.3620, 33.7580



90.1830, 46.8160, -22.4640

Square

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



93.6040, -41.3620, 33.7580



78.1200, 88.9400, 40.1400



83.1300, 9.6360, -42.4920



86.6110, -79.9120, -16.5200

Rectangle

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



93.6040, -41.3620, 33.7580



77.1310, 65.1850, 68.6810



83.1300, 9.6360, -42.4920



77.2460, -54.9200, -39.9440

Sweetspot

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



93.6040, -41.3620, 33.7580



214.2330, -16.2330, 13.3590



159.6100, -70.1440, -28.3520



102.5940, -10.1800, 8.2840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



93.6040, -41.3620, 33.7580



95.1770, -64.2440, 51.9800



104.7550, -7.5740, 49.1780



91.0260, -2.8890, 2.7990



25.0390, -55.3480, 44.9400



5.2780, -12.1060, 10.1500

Inverse Universe

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



112.3900, 70.1440, 28.3520



123.9930, 108.4710, 44.1110



167.2450, 7.5740, -49.1780



92.6910, 5.3640, 1.9080



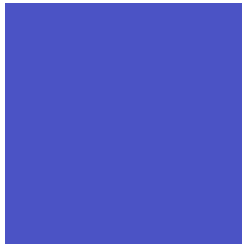
49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 93.6040, -41.3620, 33.7580 looks on a white background.

Color Contrast Check

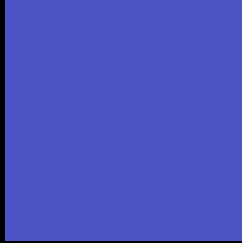
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6040, -41.3620, 33.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

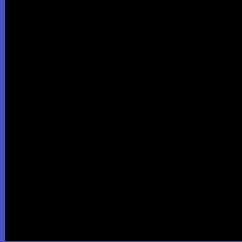
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.6040, -41.3620, 33.7580

Background



This preview shows how black text looks on a background with the YIQ color 93.6040, -41.3620, 33.7580.



This preview shows how white text looks on a background with the YIQ color 93.6040, -41.3620,

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

93.6040, -41.3620, 33.7580

Protanopia

76.3480, -88.2160, 12.8400

Deuteranopia

76.7920, -81.1990, 1.3050



Tritanopia

83.9000, -46.9930, -12.8890

Trichromacy



Original Color

93.6040, -41.3620, 33.7580

Protanomaly

82.6600, -71.2990, 20.1330

Deuteranomaly

83.0700, -66.9420, 12.7540

Tritanomaly

87.4080, -44.8870, 4.0170

Monochromacy



Original Color

93.6040, -41.3620, 33.7580

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7770, -14.9490, 12.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6040, -41.3620, 33.7580 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, 83, 197)` looks like.

```
.text, #text, p{  
    color:rgb(75, 83, 197)  
}
```

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, 83, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 83, 197) }
```

Border

The CSS property to change the border of an element to YIQ 93.6040, -41.3620, 33.7580 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, 83, 197) }
```


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

```
.border{ border-color:rgb(75, 83, 197) }
```

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

Here you see how a box with a 4 pixel rgb(75, 83, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 83, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 83, 197);  
box-shadow:4px 4px 4px 4px rgb(75, 83,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6040, -41.3620, 33.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 83, 197) }
```

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

```
.background{ background-color: rgb(75, 83,  
197) }
```

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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