

Converting Colors

YIQ(164.4360, 43.8850,
-40.9390)

Have a look what the booklet for
YIQ(164.4360, 43.8850, -40.9390)
contains.

YIQ(164.4360, 43.8850, -40.9390)	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(164.4360, 43.8850,
-40.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B32E
RGB	181, 179, 46
RGB Percent	71%, 70%, 18%
CMY	0.2903, 0.2980, 0.8193
CMYK	0.00, 0.01, 0.75, 0.29
HSL	59°, 59%, 45%
HSV	59°, 75%, 71%
XYZ	35.6658, 42.2589, 8.8691
YIQ	164.4360, 43.8850, -40.9390

Conversions

Conversions Part 2

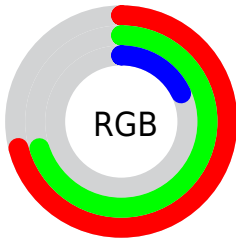
Format	Color
RYB	48, 181, 46
Decimal	11907886
CIELab	71.05, -14.57, 63.39
CIELCh	71, 65.041, 102.946
Yxy	42.2589, 0.4109, 0.4869
Android (android.graphics.Color)	4290097966 (0xFFB5B32E)
YUV	164.4360, -58.3889, 14.5266
Hunter-Lab	65.0068, -15.8285, 37.4157

Details

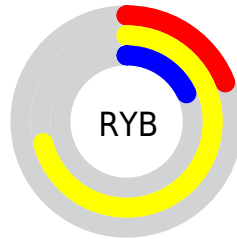
The YIQ color **164.4360, 43.8850, -40.9390** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **62.5640, -43.8850, 40.9390**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.3330, 45.6730, -40.3030**, and **111.6250, 38.9790, -40.1330** is the 20% darker color. If you saturate the color by 10%, you get **162.3840, 49.6630, -46.5370**, and if you desaturate by 10%, it is **166.4880, 38.1070, -35.3410**.

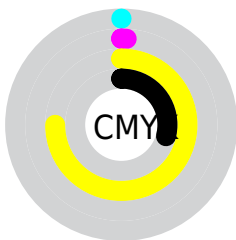
Distribution



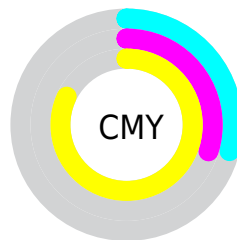
- Red (71%)
- Green (70%)
- Blue (18%)



- Red (19%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (1%)
- Yellow (75%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.4360, 43.8850, -40.9390 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 164.4360, 43.8850, -40.9390 by changing the saturation by 10% instead.

■ 164.4360, 43.8850,
-40.9390

■ 164.4360, 43.8850,
-40.9390

■ 255.0000, -0.0000,
-0.0000

■ 135.4700, 46.5450,
-45.0950

■ 221.3330, 45.6730,
-40.3030

■ 111.6250, 38.9790,
-40.1330

■ 240.7500, 40.1250,
-38.8750

■ 88.8770, 29.7620,
-32.7820

■ 243.8280, 31.4580,
-30.4780

■ 66.7160, 20.2700,
-25.9540

■ 247.1340, 22.1490,
-21.4590

■ 45.4410, 11.0990,
-19.4370

■ 250.3260, 13.1610,
-12.7510

■ 25.6390, 1.9740,
-13.7540

■ 253.6320, 3.8520,

■ 4.1090, -1.9250,

-3.7320

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 164.4360, 43.8850,
-40.9390

■ 164.4360, 43.8850,
-40.9390

■ 162.3840, 49.6630,
-46.5370

■ 166.4880, 38.1070,
-35.3410

■ 159.7450, 55.7160,
-51.6120

■ 169.1270, 32.0540,
-30.2660

■ 158.6050, 58.9260,
-54.7220

■ 171.1790, 26.2760,
-24.6680

■ 173.2310, 20.4980,
-19.0700

■ 175.3970, 14.3990,
-13.1610

■ 178.0360, 8.3460,
-8.0860

■ 180.0880, 2.5680,
-2.4880

■ 182.1400, -3.2100,
3.1100

■ 184.1920, -8.9880,
8.7080

Harmonies

Analogous

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



169.1560, 77.8090, -16.9670



164.4360, 43.8850, -40.9390



157.0240, -10.8570, -51.0570

Triad

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



164.4360, 43.8850, -40.9390



146.2420, -136.2130, -25.9170



173.5600, 50.1950, 53.9950

Complementary

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



164.4360, 43.8850, -40.9390



62.5640, -43.8850, 40.9390

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.



178.1490, 2.8800, 46.9440



164.4360, 43.8850, -40.9390



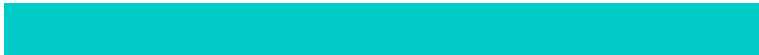
140.6000, -134.1050, -20.0650

Square

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



164.4360, 43.8850, -40.9390



141.8470, -119.7040, -44.2800



162.3260, -64.7870, 12.2450



163.3120, 70.7840, 38.7840

Rectangle

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



164.4360, 43.8850, -40.9390



140.6270, -69.9550, -59.3230



162.3260, -64.7870, 12.2450



177.7530, 39.4660, 55.7060

Sweetspot

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



164.4360, 43.8850, -40.9390



228.4850, 16.9670, -15.6490



86.5930, 79.8180, 29.2420



113.5800, 9.6300, -9.3300



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



164.4360, 43.8850, -40.9390



209.4130, 67.9140, -63.4300



146.1750, 4.5950, -55.7650



87.9740, 2.8890, -2.7990



134.3840, 49.6630, -46.5370



22.4490, 8.6210, -7.5630

Inverse Universe

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



62.5640, -43.8850, 40.9390



51.5870, -67.9140, 63.4300



80.8250, -4.5950, 55.7650



81.0260, -2.8890, 2.7990



18.6160, -49.6630, 46.5370



2.9640, -8.3460, 8.0860

Previews

White Background



This preview shows how the YIQ color 164.4360, 43.8850, -40.9390 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 164.4360, 43.8850, -40.9390 looks on a black 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 ✓ Pass

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

YIQ 164.4360, 43.8850, -40.9390

Background



This preview shows how black text looks on a background with the YIQ color 164.4360, 43.8850, -40.9390.



This preview shows how white text looks on a background with the YIQ color 164.4360, 43.8850,

-40.9390.

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

164.4360, 43.8850, -40.9390

Protanopia

165.5730, 53.9250, -35.6670

Deuteranopia

167.9650, 67.8610, -23.9070



Tritanopia

175.9570, 10.7270, 9.3430

Trichromacy



Original Color

164.4360, 43.8850, -40.9390

Protanomaly

165.2520, 50.3950, -37.7730

Deuteranomaly

166.7850, 59.3800, -29.9000

Tritanomaly

171.5230, 22.9720, -8.8360

Monochromacy



Original Color

164.4360, 43.8850, -40.9390

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.8270, 16.0040, -14.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.4360, 43.8850, -40.9390 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(181, 179, 46)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 46)  
}
```

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(181, 179, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 46) }
```

Border

The CSS property to change the border of an element to YIQ 164.4360, 43.8850, -40.9390 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(181, 179, 46) }
```


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

```
.border{ border-color:rgb(181, 179, 46) }
```

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

Here you see how a box with a 4 pixel rgb(181, 179, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 46);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 164.4360, 43.8850, -40.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 46) }
```

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

```
.background{ background-color: rgb(181,  
179, 46) }
```

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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