

Converting Colors

YIQ(174.5840, 46.2240,
-44.7840)

Have a look what the booklet for
YIQ(174.5840, 46.2240, -44.7840)
contains.

YIQ(174.5840, 46.2240, -44.7840)	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(174.5840, 46.2240,
-44.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFBF2F</code>
RGB	191, 191, 47
RGB Percent	75%, 75%, 18%
CMY	0.2511, 0.2510, 0.8154
CMYK	0.00, 0.00, 0.75, 0.25
HSL	60°, 60%, 47%
HSV	60°, 75%, 75%
XYZ	40.6254, 48.5407, 9.9254
YIQ	174.5840, 46.2240, -44.7840

Conversions

Conversions Part 2

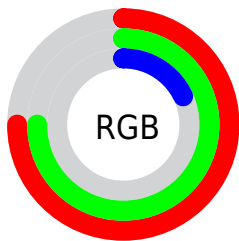
Format	Color
RYB	47, 191, 47
Decimal	12566319
CIELab	75.16, -16.31, 67.17
CIELCh	75, 69.123, 103.651
Yxy	48.5407, 0.4100, 0.4899
Android (android.graphics.Color)	4290756399 (0xFFBFBF2F)
YUV	174.5840, -62.8989, 14.3968
Hunter-Lab	69.6711, -17.8407, 40.3233

Details

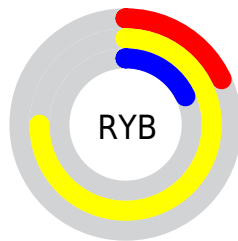
The YIQ color **174.5840, 46.2240, -44.7840** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **63.4160, -46.2240, 44.7840**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.7090, 47.3700, -43.5260**, and **121.0720, 41.9140, -43.7660** is the 20% darker color. If you saturate the color by 10%, you get **172.4180, 52.3230, -50.6930**, and if you desaturate by 10%, it is **176.7500, 40.1250, -38.8750**.

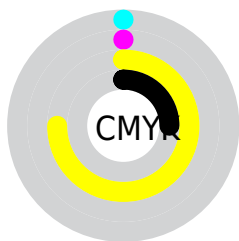
Distribution



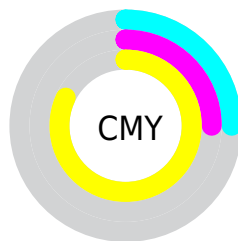
- Red (75%)
- Green (75%)
- Blue (18%)



- Red (18%)
- Yellow (75%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (75%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5840, 46.2240, -44.7840 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 174.5840, 46.2240, -44.7840 by changing the saturation by 10% instead.

■ 174.5840, 46.2240,
-44.7840

■ 174.5840, 46.2240,
-44.7840

■ 255.0000, -0.0000,
-0.0000

■ 145.1620, 50.1680,
-50.1840

■ 231.7090, 47.3700,
-43.5260

■ 121.0720, 41.9140,
-43.7660

■ 240.9780, 39.4830,
-38.2530

■ 98.0250, 32.1010,
-36.6270

■ 244.1700, 30.4950,
-29.5450

■ 75.2770, 22.8840,
-29.2760

■ 247.4760, 21.1860,
-20.5260

■ 53.7030, 13.1170,
-22.9710

■ 250.7820, 11.8770,
-11.5070

■ 33.3140, 4.2670,
-16.7650

■ 254.0880, 2.5680,

■ 14.0880, -6.6000,

-2.4880

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 174.5840, 46.2240,
-44.7840

■ 174.5840, 46.2240,
-44.7840

■ 172.4180, 52.3230,
-50.6930

■ 176.7500, 40.1250,
-38.8750

■ 170.2520, 58.4220,
-56.6020

■ 178.9160, 34.0260,
-32.9660

■ 169.2260, 61.3110,
-59.4010

■ 181.0820, 27.9270,
-27.0570

■ 183.2480, 21.8280,
-21.1480

■ 185.5280, 15.4080,
-14.9280

■ 187.6940, 9.3090,
-9.0190

■ 189.8600, 3.2100,
-3.1100

■ 192.0260, -2.8890,
2.7990

■ 194.1920, -8.9880,
8.7080

Harmonies

Analogous

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



179.3260, 83.0820, -18.9180



174.5840, 46.2240, -44.7840



166.4210, -13.6530, -55.4530

Triad

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



174.5840, 46.2240, -44.7840



154.1010, -140.4300, -32.0940



178.5640, 44.3720, 54.9000

Complementary

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



174.5840, 46.2240, -44.7840



63.4160, -46.2240, 44.7840

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.



188.2160, 9.9410, 45.6290



174.5840, 46.2240, -44.7840



147.6440, -137.4050, -26.3410

Square

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



174.5840, 46.2240, -44.7840



151.0740, -127.7730, -46.7250



170.8870, -62.1730, 8.9230



168.3330, 66.2910, 37.6110

Rectangle

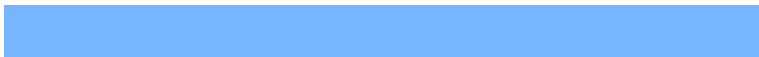
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.5840, 46.2240, -44.7840



145.9950, -82.9750, -65.6550



170.8870, -62.1730, 8.9230



184.9530, 36.0270, 57.4590

Sweetspot

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



174.5840, 46.2240, -44.7840



240.5020, 18.2970, -17.7270



90.0560, 85.8240, 30.5280



121.0100, 11.2350, -10.8850



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



174.5840, 46.2240, -44.7840



221.6920, 71.2620, -69.0420



153.0560, 3.3120, -60.0480



92.9740, 2.8890, -2.7990



139.9880, 50.7180, -49.1380



27.4660, 9.9510, -9.6410

Inverse Universe

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



63.4160, -46.2240, 44.7840



50.3080, -71.2620, 69.0420



84.9440, -3.3120, 60.0480



86.0260, -2.8890, 2.7990



18.0120, -50.7180, 49.1380



3.5340, -9.9510, 9.6410

Previews

White Background



This preview shows how the YIQ color 174.5840, 46.2240, -44.7840 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 174.5840, 46.2240, -44.7840 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 174.5840, 46.2240, -44.7840

Background



This preview shows how black text looks on a background with the YIQ color 174.5840, 46.2240, -44.7840.



This preview shows how white text looks on a background with the YIQ color 174.5840, 46.2240, -44.7840.

-44.7840.

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

174.5840, 46.2240, -44.7840

Protanopia

176.0310, 58.3270, -38.3530

Deuteranopia

178.8360, 72.5380, -26.0700



Tritanopia

187.0710, 10.4060, 9.6540

Trichromacy



Original Color

174.5840, 46.2240, -44.7840

Protanomaly

175.4110, 54.2010, -40.6710

Deuteranomaly

176.9440, 63.1860, -32.7980

Tritanomaly

182.7680, 23.6600, -10.2920

Monochromacy



Original Color

174.5840, 46.2240, -44.7840

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9580, 17.0130, -16.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5840, 46.2240, -44.7840 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(191, 191, 47)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 47)  
}
```

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(191, 191, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 47) }
```

Border

The CSS property to change the border of an element to YIQ 174.5840, 46.2240, -44.7840 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(191, 191, 47) }
```


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

```
.border{ border-color:rgb(191, 191, 47) }
```

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

Here you see how a box with a 4 pixel rgb(191, 191, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 47);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5840, 46.2240, -44.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 47) }
```

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

```
.background{ background-color: rgb(191,  
191, 47) }
```

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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