

Converting Colors

YIQ(176.3030, 54.3850,
-44.0070)

Have a look what the booklet for
YIQ(176.3030, 54.3850, -44.0070)
contains.

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Color

**YIQ(176.3030, 54.3850,
-44.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BE29
RGB	201, 190, 41
RGB Percent	79%, 75%, 16%
CMY	0.2118, 0.2549, 0.8389
CMYK	0.00, 0.05, 0.80, 0.21
HSL	56°, 66%, 47%
HSV	56°, 80%, 79%
XYZ	42.8969, 49.4006, 9.3799
YIQ	176.3030, 54.3850, -44.0070

Conversions

Conversions Part 2

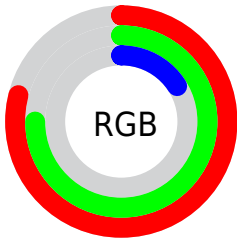
Format	Color
RYB	53, 201, 41
Decimal	13221417
CIELab	75.70, -11.73, 69.77
CIELCh	76, 70.752, 99.542
Yxy	49.4006, 0.4219, 0.4859
Android (android.graphics.Color)	4291411497 (0xFFC9BE29)
YUV	176.3030, -66.7044, 21.6593
Hunter-Lab	70.2855, -14.0570, 41.2874

Details

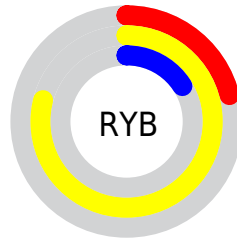
The YIQ color **176.3030, 54.3850, -44.0070** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **65.6970, -54.3850, 44.0070**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0470, 52.2300, -43.4980**, and **123.1760, 47.5530, -41.3350** is the 20% darker color. If you saturate the color by 10%, you get **173.4360, 61.0800, -49.7040**, and if you desaturate by 10%, it is **179.1700, 47.6900, -38.3100**.

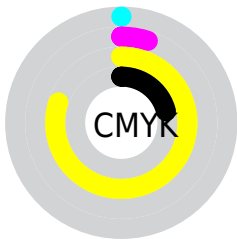
Distribution



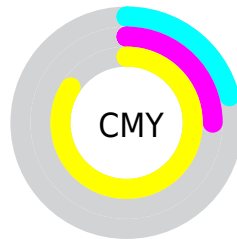
- Red (79%)
- Green (75%)
- Blue (16%)



- Red (21%)
- Yellow (79%)
- Blue (16%)



- Cyan (0%)
- Magenta (5%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3030, 54.3850, -44.0070 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 176.3030, 54.3850, -44.0070 by changing the saturation by 10% instead.

■ 176.3030, 54.3850,
-44.0070

■ 176.3030, 54.3850,
-44.0070

■ 255.0000, -0.0000,
-0.0000

■ 147.1090, 57.6870,
-48.7850

■ 232.0470, 52.2300,
-43.4980

■ 123.1760, 47.5530,
-41.3350

■ 240.5220, 40.7670,
-39.4970

■ 100.1290, 37.7400,
-34.1960

■ 243.7140, 31.7790,
-30.7890

■ 77.6690, 27.6520,
-27.5800

■ 247.0200, 22.4700,
-21.7700

■ 56.0950, 17.8850,
-21.2750

■ 250.3260, 13.1610,
-12.7510

■ 35.7060, 9.0350,
-15.0690

■ 253.6320, 3.8520,

■ 14.0990, -5.1330,

-3.7320

-11.6050

■ 0.0000, 0.0000,
0.0000

■ 176.3030, 54.3850,
-44.0070

■ 176.3030, 54.3850,
-44.0070

■ 173.4360, 61.0800,
-49.7040

■ 179.1700, 47.6900,
-38.3100

■ 169.9820, 68.0500,
-54.8780

■ 182.6240, 40.7200,
-33.1360

■ 169.8680, 68.3710,
-55.1890

■ 185.4910, 34.0250,
-27.4390

■ 188.9450, 27.0550,
-22.2650

■ 191.9260, 20.0390,
-16.2570

■ 194.7930, 13.3440,
-10.5600

■ 198.2470, 6.3740,
-5.3860

■ 201.1140, -0.3210,
0.3110

■ 203.9810, -7.0160,
6.0080

Harmonies

Analogous

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



180.8860, 87.4370, -15.2430



176.3030, 54.3850, -44.0070



168.6840, -4.2080, -55.9200

Triad

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



176.3030, 54.3850, -44.0070



155.2750, -140.9800, -33.1400



181.5790, 40.0160, 56.7520

Complementary

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



176.3030, 54.3850, -44.0070



65.6970, -54.3850, 44.0070

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.



187.8730, 3.4770, 41.6290



176.3030, 54.3850, -44.0070



149.9920, -138.5050, -28.4330

Square

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



176.3030, 54.3850, -44.0070



151.4500, -126.0760, -49.9480



165.1510, -80.8320, 0.1600



168.7720, 63.6770, 40.9330

Rectangle

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



176.3030, 54.3850, -44.0070



153.9280, -63.6730, -63.0410



165.1510, -80.8320, 0.1600



187.9680, 31.6710, 59.3110

Sweetspot

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



176.3030, 54.3850, -44.0070



245.6980, 20.6810, -16.8790



90.3220, 91.1870, 37.9630



122.0210, 12.7020, -9.9380



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.



176.3030, 54.3850, -44.0070



217.4330, 82.3570, -66.3710



162.7270, 11.4280, -63.9640



97.9740, 2.8890, -2.7990



137.9610, 55.3480, -44.9400



30.1350, 12.3810, -9.6270

Inverse Universe

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



65.6970, -54.3850, 44.0070



49.9800, -82.0820, 66.8940



79.2730, -11.4280, 63.9640



91.0260, -2.8890, 2.7990



25.0390, -55.3480, 44.9400



5.2780, -12.1060, 10.1500

Previews

White Background



This preview shows how the YIQ color 176.3030, 54.3850, -44.0070 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 176.3030, 54.3850, -44.0070 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 176.3030, 54.3850, -44.0070

Background



This preview shows how black text looks on a background with the YIQ color 176.3030, 54.3850, -44.0070.



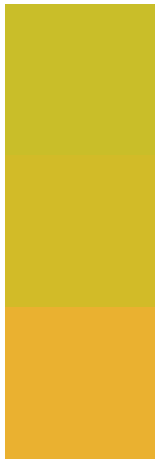
This preview shows how white text looks on a background with the YIQ color 176.3030, 54.3850, -44.0070.

-44.0070.

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

176.3030, 54.3850, -44.0070

Protanopia

177.1190, 60.8950, -40.8410

Deuteranopia

179.3370, 75.3810, -28.0350



Tritanopia

189.0610, 16.3660, 11.7740

Trichromacy



Original Color

176.3030, 54.3850, -44.0070

Protanomaly

176.8090, 58.8320, -42.0000

Deuteranomaly

178.3420, 67.8170, -34.1270

Tritanomaly

184.5300, 30.2620, -8.7940

Monochromacy



Original Color

176.3030, 54.3850, -44.0070

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0400, 19.7180, -15.9460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3030, 54.3850, -44.0070 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(201, 190, 41)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 41)  
}
```

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(201, 190, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 41) }
```

Border

The CSS property to change the border of an element to YIQ 176.3030, 54.3850, -44.0070 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(201, 190, 41) }
```


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

```
.border{ border-color:rgb(201, 190, 41) }
```

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

Here you see how a box with a 4 pixel rgb(201, 190, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 41);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3030, 54.3850, -44.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 41) }
```

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

```
.background{ background-color: rgb(201,  
190, 41) }
```

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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