

Converting Colors

YIQ(145.5270, 69.8750, -5.3330)

Have a look what the booklet for
YIQ(145.5270, 69.8750, -5.3330)
contains.

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Color

**YIQ(145.5270, 69.8750,
-5.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	D1823B
RGB	209, 130, 59
RGB Percent	82%, 51%, 23%
CMY	0.1803, 0.4903, 0.7683
CMYK	0.00, 0.38, 0.72, 0.18
HSL	28°, 62%, 53%
HSV	28°, 72%, 82%
XYZ	35.0747, 29.8337, 8.0590
YIQ	145.5270, 69.8750, -5.3330

Conversions

Conversions Part 2

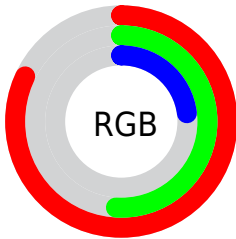
Format	Color
R _Y B	209, 194, 59
Decimal	13730363
CIE Lab	61.51, 24.54, 49.67
CIE LCh	62, 55.398, 63.706
Yxy	29.8337, 0.4807, 0.4089
Android (android.graphics.Color)	4291920443 (0xFFD1823B)
YUV	145.5270, -42.6578, 55.6658
Hunter-Lab	54.6202, 19.0394, 29.4861

Details

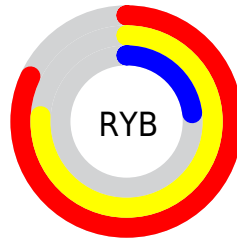
The YIQ color **145.5270, 69.8750, -5.3330** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **122.4730, -69.8750, 5.3330**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.2060, 66.3450, -7.4390**, and **91.9670, 65.5200, -9.0080** is the 20% darker color. If you saturate the color by 10%, you get **136.6760, 79.6410, -6.1110**, and if you desaturate by 10%, it is **154.3780, 60.1090, -4.5550**.

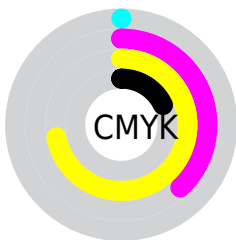
Distribution



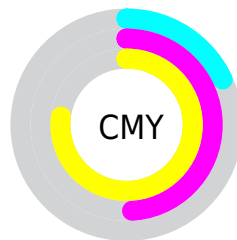
- Red (82%)
- Green (51%)
- Blue (23%)



- Red (82%)
- Yellow (76%)
- Blue (23%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (18%)



- Cyan (18%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.5270, 69.8750, -5.3330 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 145.5270, 69.8750, -5.3330 by changing the saturation by 10% instead.

■ 145.5270, 69.8750,
-5.3330

■ 145.5270, 69.8750,
-5.3330

■ 255.0000, -0.0000,
-0.0000

■ 119.0320, 66.8950,
-6.3930

■ 196.2060, 66.3450,
-7.4390

■ 91.9670, 65.5200,
-9.0080

■ 215.6060, 50.2990,
-13.9970

■ 69.0510, 56.7160,
-3.6360

■ 235.1200, 33.9320,
-20.2440

■ 47.4660, 45.4820,
1.7220

■ 247.7040, 20.5440,
-19.9040

■ 25.5930, 35.1190,
7.8150

■ 250.8960, 11.5560,
-11.1960

■ 12.2590, 24.4360,
8.6920

■ 254.2020, 2.2470,

■ 0.0000, 0.0000,

-2.1770

0.0000

■ 145.5270, 69.8750,
-5.3330

■ 145.5270, 69.8750,
-5.3330

■ 136.6760, 79.6410,
-6.1110

■ 154.3780, 60.1090,
-4.5550

■ 127.8250, 89.4070,
-6.8890

■ 163.2290, 50.3430,
-3.7770

■ 120.6040, 97.3390,
-7.4690

■ 172.0800, 40.5770,
-2.9990

■ 180.9310, 30.8110,
-2.2210

■ 189.7820, 21.0450,
-1.4430

■ 198.6330, 11.2790,
-0.6650

■ 207.3700, 1.8340,
-0.1980

■ 216.2210, -7.9320,
0.5800

■ 225.0720,
-17.6980, 1.3580

Harmonies

Analogous

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



146.7680, 77.5270, 21.1990



145.5270, 69.8750, -5.3330



142.1950, 46.5420, -28.5140

Triad

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



145.5270, 69.8750, -5.3330



118.4060, -96.4130, -42.3730



151.5330, -16.2370, 35.4670

Complementary

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



145.5270, 69.8750, -5.3330



122.4730, -69.8750, 5.3330

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.



132.5170, -90.3700, 7.8220



145.5270, 69.8750, -5.3330



123.4050, -111.8670, -26.6110

Square

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



145.5270, 69.8750, -5.3330



122.6060, -56.2940, -48.0860



123.7590, -121.1310, -12.8990



152.0200, 33.9200, 46.0800

Rectangle

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



145.5270, 69.8750, -5.3330



139.0500, 21.7850, -36.8950



123.7590, -121.1310, -12.8990



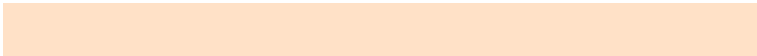
148.8940, -36.5470, 29.0930

Sweetspot

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



145.5270, 69.8750, -5.3330



231.0060, 26.2260, -1.7260



112.9700, 63.7200, 56.6800



113.5580, 15.8640, -1.1600



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.



145.5270, 69.8750, -5.3330



161.9420, 102.1990, -7.4410



188.9650, 49.5250, -44.0350



100.2240, 5.1810, -0.2830



97.1920, 78.1280, -6.2240



23.4120, 19.2110, -1.2450

Inverse Universe

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



122.4730, -69.8750, 5.3330



128.4710, -101.9240, 7.9640



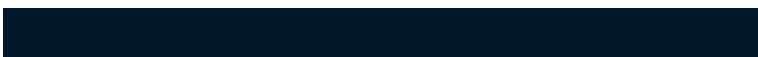
79.0350, -49.5250, 44.0350



98.7760, -5.1810, 0.2830



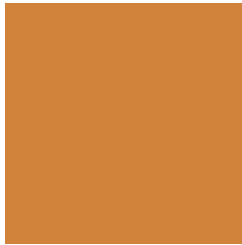
71.3950, -78.4030, 5.7010



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 145.5270, 69.8750, -5.3330 looks on a white 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

Black Background



This preview shows how the YIQ color 145.5270, 69.8750, -5.3330 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 × Fail

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

YIQ 145.5270, 69.8750, -5.3330

Background



This preview shows how black text looks on a background with the YIQ color 145.5270, 69.8750, -5.3330.



This preview shows how white text looks on a background with the YIQ color 145.5270, 69.8750, -5.3330.

-5.3330.

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

145.5270, 69.8750, -5.3330

Protanopia

144.5070, 37.0960, -22.5200

Deuteranopia

145.3520, 53.8300, -17.4180



Tritanopia

150.2350, 51.3470, 22.0910

Trichromacy



Original Color

145.5270, 69.8750, -5.3330

Protanomaly

144.9540, 49.1990, -16.0890

Deuteranomaly

145.5100, 59.3770, -13.3190

Tritanomaly

148.7330, 58.2720, 12.2240

Monochromacy



Original Color

145.5270, 69.8750, -5.3330

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7070, 25.6300, -1.9380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5270, 69.8750, -5.3330 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(209, 130, 59)` looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 59)  
}
```

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(209, 130, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 59) }
```

Border

The CSS property to change the border of an element to YIQ 145.5270, 69.8750, -5.3330 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(209, 130, 59) }
```


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

```
.border{ border-color:rgb(209, 130, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 59);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5270, 69.8750, -5.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 59) }
```

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

```
.background{ background-color: rgb(209,  
130, 59) }
```

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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