

Converting Colors

YIQ(188.4840, 61.1250,
-45.0110)

Have a look what the booklet for
YIQ(188.4840, 61.1250, -45.0110)
contains.

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Color

**YIQ(188.4840, 61.1250,
-45.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC92C
RGB	219, 201, 44
RGB Percent	86%, 79%, 17%
CMY	0.1412, 0.2118, 0.8271
CMYK	0.00, 0.08, 0.80, 0.14
HSL	54°, 71%, 52%
HSV	54°, 80%, 86%
XYZ	50.5504, 57.0100, 10.7318
YIQ	188.4840, 61.1250, -45.0110

Conversions

Conversions Part 2

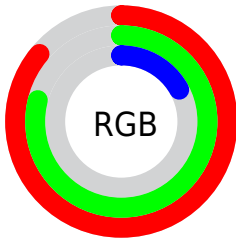
Format	Color
RYB	64, 219, 44
Decimal	14403884
CIELab	80.19, -9.49, 73.45
CIELCh	80, 74.062, 97.361
Yxy	57.0100, 0.4273, 0.4819
Android (android.graphics.Color)	4292593964 (0xFFDBC92C)
YUV	188.4840, -71.2306, 26.7625
Hunter-Lab	75.5050, -12.6285, 44.4264

Details

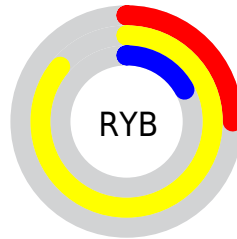
The YIQ color **188.4840, 61.1250, -45.0110** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **74.5160, -61.1250, 45.0110**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.7860, 48.4710, -46.9610**, and **134.1290, 54.9350, -42.9610** is the 20% darker color. If you saturate the color by 10%, you get **184.8020, 68.7370, -50.8070**, and if you desaturate by 10%, it is **192.1660, 53.5130, -39.2150**.

Distribution



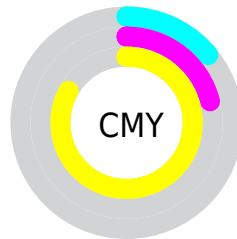
- Red (86%)
- Green (79%)
- Blue (17%)



- Red (25%)
- Yellow (86%)
- Blue (17%)



- Cyan (0%)
- Magenta (8%)
- Yellow (80%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4840, 61.1250, -45.0110 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 188.4840, 61.1250, -45.0110 by changing the saturation by 10% instead.

■ 188.4840, 61.1250,
-45.0110

■ 188.4840, 61.1250,
-45.0110

■ 255.0000, -0.0000,
-0.0000

■ 158.6490, 64.7940,
-50.9340

■ 237.7860, 48.4710,
-46.9610

■ 134.1290, 54.9350,
-42.9610

■ 240.9780, 39.4830,
-38.2530

■ 110.7830, 44.5260,
-36.0340

■ 244.2840, 30.1740,
-29.2340

■ 87.7360, 34.7130,
-28.8950

■ 247.5900, 20.8650,
-20.2150

■ 65.8630, 24.3500,
-22.8020

■ 250.8960, 11.5560,
-11.1960

■ 45.1750, 14.9040,
-16.8080

■ 254.2020, 2.2470,

■ 25.6720, 6.3750,

-2.1770

-10.9130

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,
0.0000

■ 188.4840, 61.1250,
-45.0110

■ 188.4840, 61.1250,
-45.0110

■ 184.8020, 68.7370,
-50.8070

■ 192.1660, 53.5130,
-39.2150

■ 180.5330, 76.6240,
-56.0800

■ 196.4350, 45.6260,
-33.9420

■ 200.1170, 38.0140,
-28.1460

■ 203.7990, 30.4020,
-22.3500

■ 207.4810, 22.7900,
-16.5540

■ 211.6360, 15.2240,
-11.5920

■ 215.3180, 7.6120,
-5.7960

■ 219.0000, 0.0000,
-0.0000

■ 222.6820, -7.6120,
5.7960

Harmonies

Analogous

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



187.0810, 82.3940, -17.4620



188.4840, 61.1250, -45.0110



180.4410, 0.7900, -58.3940

Triad

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



188.4840, 61.1250, -45.0110



164.0800, -145.1050, -40.9850



189.7290, 30.8460, 57.7420

Complementary

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



188.4840, 61.1250, -45.0110



74.5160, -61.1250, 45.0110

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.



197.5970, 4.0740, 36.3140



188.4840, 61.1250, -45.0110



158.2100, -142.3550, -35.7550

Square

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



188.4840, 61.1250, -45.0110



160.5800, -132.4940, -54.7820



169.7810, -91.8340, -9.7060



175.4060, 56.0200, 42.0360

Rectangle

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



188.4840, 61.1250, -45.0110



167.8700, -57.7580, -65.6140



169.7810, -91.8340, -9.7060



195.1260, 28.0500, 53.3460

Sweetspot

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



188.4840, 61.1250, -45.0110



244.5240, 21.2310, -15.8330



98.7190, 97.5590, 43.6310



121.4340, 12.9770, -9.4150



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.



188.4840, 61.1250, -45.0110



212.3950, 85.5200, -63.1200



179.0170, 16.2430, -68.6290



108.1590, 3.8060, -2.8980



143.2990, 60.2080, -44.9120



37.8210, 16.1410, -11.6910

Inverse Universe

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



74.5160, -61.1250, 45.0110



52.6050, -85.5200, 63.1200



83.9830, -16.2430, 68.6290



100.8410, -3.8060, 2.8980



30.2880, -60.4830, 44.3890



8.1790, -16.1410, 11.6910

Previews

White Background



This preview shows how the YIQ color 188.4840, 61.1250, -45.0110 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 188.4840, 61.1250, -45.0110 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 188.4840, 61.1250, -45.0110

Background



This preview shows how black text looks on a background with the YIQ color 188.4840, 61.1250, -45.0110.



This preview shows how white text looks on a background with the YIQ color 188.4840, 61.1250, -45.0110.

-45.0110.

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

188.4840, 61.1250, -45.0110

Protanopia

188.8050, 64.6550, -42.9050

Deuteranopia

191.3930, 80.9750, -30.2970



Tritanopia

201.8660, 21.4090, 13.9930

Trichromacy



Original Color

188.4840, 61.1250, -45.0110

Protanomaly

188.7940, 63.1880, -43.8520

Deuteranomaly

190.2240, 73.9610, -35.3430

Tritanomaly

197.1070, 35.9470, -7.1970

Monochromacy



Original Color

188.4840, 61.1250, -45.0110

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2960, 21.8730, -16.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4840, 61.1250, -45.0110 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(219, 201, 44)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 44)  
}
```

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(219, 201, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 44) }
```

Border

The CSS property to change the border of an element to YIQ 188.4840, 61.1250, -45.0110 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(219, 201, 44) }
```


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

```
.border{ border-color:rgb(219, 201, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 44);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4840, 61.1250, -45.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 44) }
```

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

```
.background{ background-color: rgb(219,  
201, 44) }
```

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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