

Converting Colors

YIQ(185.0400, 63.2760,
-23.4120)

Have a look what the booklet for
YIQ(185.0400, 63.2760, -23.4120)
contains.

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Color

**YIQ(185.0400, 63.2760,
-23.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B74B
RGB	231, 183, 75
RGB Percent	91%, 72%, 29%
CMY	0.0941, 0.2824, 0.7055
CMYK	0.00, 0.21, 0.67, 0.09
HSL	42°, 76%, 60%
HSV	42°, 67%, 91%
XYZ	51.1611, 51.3586, 13.8887
YIQ	185.0400, 63.2760, -23.4120

Conversions

Conversions Part 2

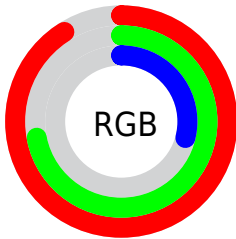
Format	Color
RYB	144, 231, 75
Decimal	15185739
CIELab	76.90, 6.32, 59.49
CIELCh	77, 59.822, 83.940
Yxy	51.3586, 0.4395, 0.4412
Android (android.graphics.Color)	4293375819 (0xFFE7B74B)
YUV	185.0400, -54.2497, 40.3069
Hunter-Lab	71.6649, 2.0162, 38.6750

Details

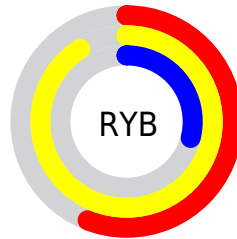
The YIQ color **185.0400, 63.2760, -23.4120** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **120.9600, -63.2760, 23.4120**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.1300, 45.1670, -31.1290**, and **129.4480, 61.9470, -26.8610** is the 20% darker color. If you saturate the color by 10%, you get **178.3090, 72.5840, -26.9040**, and if you desaturate by 10%, it is **191.7710, 53.9680, -19.9200**.

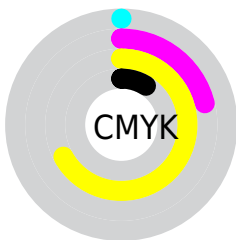
Distribution



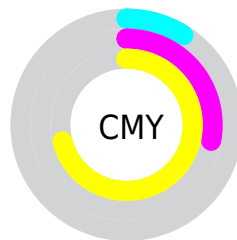
- Red (91%)
- Green (72%)
- Blue (29%)



- Red (56%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.0400, 63.2760, -23.4120 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 185.0400, 63.2760, -23.4120 by changing the saturation by 10% instead.

185.0400, 63.2760,
-23.4120

185.0400, 63.2760,
-23.4120

255.0000, -0.0000,
-0.0000

157.1430, 61.4880,
-24.0480

231.2440, 44.8460,
-30.8180

129.5620, 61.6260,
-26.5500

243.7140, 31.7790,
-30.7890

104.3920, 56.3530,
-24.5990

246.9060, 22.7910,
-22.0810

81.6330, 45.6690,
-18.1950

250.0980, 13.8030,
-13.3730

60.6460, 35.6270,
-12.4130

253.4040, 4.4940,
-4.3540

39.6590, 25.5850,
-6.6310

20.4440, 16.1850,

-1.4710

■ 0.0000, 0.0000,
0.0000

■ 185.0400, 63.2760,
-23.4120

■ 185.0400, 63.2760,
-23.4120

■ 178.3090, 72.5840,
-26.9040

■ 191.7710, 53.9680,
-19.9200

■ 171.5780, 81.8920,
-30.3960

■ 198.5020, 44.6600,
-16.4280

■ 164.8470, 91.2000,
-33.8880

■ 205.2330, 35.3520,
-12.9360

■ 162.9890, 93.6760,
-34.7080

■ 211.9640, 26.0440,
-9.4440

■ 219.3960, 16.1400,
-6.1640

■ 226.1270, 6.8320,
-2.6720

■ 232.8580, -2.4760,
0.8200

■ 239.0190,
-10.1790, 2.7570

■ 243.1280,
-12.1040, -0.9040

Harmonies

Analogous

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



182.8530, 75.0090, 0.7450



185.0400, 63.2760, -23.4120



179.7850, 23.8490, -41.2630

Triad

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



185.0400, 63.2760, -23.4120



153.9410, -134.4680, -41.0280



195.6690, 21.9070, 49.0350

Complementary

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



185.0400, 63.2760, -23.4120



120.9600, -63.2760, 23.4120

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.



186.7560, -27.6510, 22.0530



185.0400, 63.2760, -23.4120



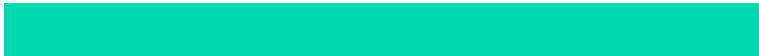
153.5140, -140.1550, -31.5710

Square

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



185.0400, 63.2760, -23.4120



147.4430, -116.1710, -58.7550



145.8830, -136.5800, -24.7720



183.3280, 47.4920, 42.4040

Rectangle

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



185.0400, 63.2760, -23.4120



174.6590, -11.0870, -46.8870



145.8830, -136.5800, -24.7720



193.7980, 8.0620, 41.1340

Sweetspot

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



185.0400, 63.2760, -23.4120



239.7940, 20.7710, -7.4930



127.2300, 77.2470, 48.3110



118.5960, 12.7010, -4.4110



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.



185.0400, 63.2760, -23.4120



193.8340, 84.0470, -30.9050



204.5450, 32.7920, -54.6640



111.2840, 4.9520, -1.6400



126.3090, 72.5840, -26.9040



35.7940, 20.7710, -7.4930

Inverse Universe

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



120.9600, -63.2760, 23.4120



109.1660, -84.0470, 30.9050



101.4550, -32.7920, 54.6640



106.7160, -4.9520, 1.6400



52.6910, -72.5840, 26.9040



15.2060, -20.7710, 7.4930

Previews

White Background



This preview shows how the YIQ color 185.0400, 63.2760, -23.4120 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 185.0400, 63.2760, -23.4120 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 185.0400, 63.2760, -23.4120

Background



This preview shows how black text looks on a background with the YIQ color 185.0400, 63.2760, -23.4120.



This preview shows how white text looks on a background with the YIQ color 185.0400, 63.2760,

-23.4120.

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

185.0400, 63.2760, -23.4120

Protanopia

183.6960, 49.3850, -30.4790

Deuteranopia

185.4750, 66.4850, -20.9950



Tritanopia

193.5150, 35.7590, 18.2470

Trichromacy



Original Color

185.0400, 63.2760, -23.4120

Protanomaly

183.9140, 54.7030, -27.7370

Deuteranomaly

185.4640, 65.0180, -21.9420

Tritanomaly

190.4060, 45.7110, 3.0790

Monochromacy



Original Color

185.0400, 63.2760, -23.4120

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.9360, 23.2470, -8.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.0400, 63.2760, -23.4120 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(231, 183, 75)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 75)  
}
```

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(231, 183, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 75) }
```

Border

The CSS property to change the border of an element to YIQ 185.0400, 63.2760, -23.4120 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(231, 183, 75) }
```


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

```
.border{ border-color:rgb(231, 183, 75) }
```

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

Here you see how a box with a 4 pixel rgb(231, 183, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 75);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 185.0400, 63.2760, -23.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 75) }
```

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

```
.background{ background-color: rgb(231,  
183, 75) }
```

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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