

Converting Colors

YIQ(185.9820, 51.9960,
-17.2200)

Have a look what the booklet for
YIQ(185.9820, 51.9960, -17.2200)
contains.

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Color

**YIQ(185.9820, 51.9960,
-17.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B763
RGB	225, 183, 99
RGB Percent	88%, 72%, 39%
CMY	0.1176, 0.2824, 0.6115
CMYK	0.00, 0.19, 0.56, 0.12
HSL	40°, 68%, 64%
HSV	40°, 56%, 88%
XYZ	50.2404, 50.7713, 18.9736
YIQ	185.9820, 51.9960, -17.2200

Conversions

Conversions Part 2

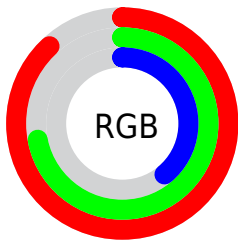
Format	Color
RYB	162, 225, 99
Decimal	14792547
CIELab	76.54, 5.39, 47.84
CIELCh	77, 48.145, 83.569
Yxy	50.7713, 0.4187, 0.4231
Android (android.graphics.Color)	4292982627 (0xFFE1B763)
YUV	185.9820, -42.8821, 34.2188
Hunter-Lab	71.2540, 1.1639, 34.0899

Details

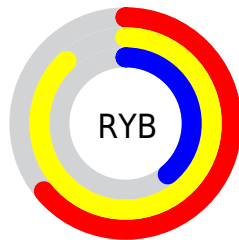
The YIQ color **185.9820, 51.9960, -17.2200** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **138.0180, -51.9960, 17.2200**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.8660, 37.4630, -23.6650**, and **131.7150, 48.3740, -17.6580** is the 20% darker color. If you saturate the color by 10%, you get **178.7780, 61.2580, -19.8780**, and if you desaturate by 10%, it is **192.7130, 42.6880, -13.7280**.

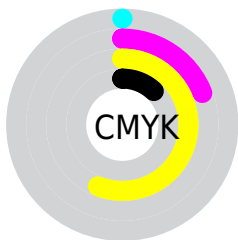
Distribution



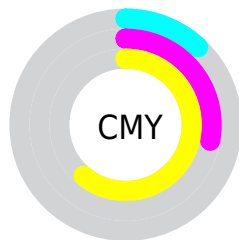
- Red (88%)
- Green (72%)
- Blue (39%)



- Red (64%)
- Yellow (88%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.9820, 51.9960, -17.2200 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 185.9820, 51.9960, -17.2200 by changing the saturation by 10% instead.

185.9820, 51.9960,
-17.2200

185.9820, 51.9960,
-17.2200

255.0000, -0.0000,
-0.0000

158.6120, 50.1620,
-17.0220

233.8660, 37.4630,
-23.6650

131.7150, 48.3740,
-17.6580

246.3360, 24.3960,
-23.6360

105.7040, 46.9070,
-18.6050

249.5280, 15.4080,
-14.9280

80.7360, 43.8810,
-18.8310

252.8340, 6.0990,
-5.9090

59.4610, 34.7100,
-12.3140

39.0610, 24.3930,
-7.0550

19.8460, 14.9930,

-1.8950

■ 0.0000, 0.0000,
0.0000

■ 185.9820, 51.9960,
-17.2200

■ 185.9820, 51.9960,
-17.2200

■ 178.7780, 61.2580,
-19.8780

■ 192.7130, 42.6880,
-13.7280

■ 172.0470, 70.5660,
-23.3700

■ 199.9170, 33.4260,
-11.0700

■ 164.8430, 79.8280,
-26.0280

■ 207.2350, 23.8430,
-8.1010

■ 158.1120, 89.1360,
-29.5200

■ 213.8520, 14.8560,
-4.9200

■ 155.3250, 92.8500,
-30.7500

■ 221.1700, 5.2730,
-1.9510

■ 227.7870, -3.7140,
1.2300

■ 234.8770,
-12.6550, 3.5770

■ 238.9860,
-14.5800, -0.0840

■ 243.6820,
-16.7800, -4.2680

Harmonies

Analogous

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



187.8400, 67.8560, 3.7280



185.9820, 51.9960, -17.2200



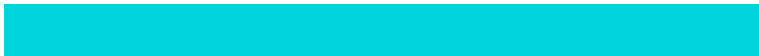
181.7280, 19.9960, -32.0040

Triad

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



185.9820, 51.9960, -17.2200



149.8660, -129.8830, -41.5230



194.1210, 17.2780, 39.3100

Complementary

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



185.9820, 51.9960, -17.2200



138.0180, -51.9960, 17.2200

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.



188.5390, -25.5420, 22.3780



185.9820, 51.9960, -17.2200



150.5790, -138.7800, -28.9560

Square

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



185.9820, 51.9960, -17.2200



160.1810, -82.6580, -43.8580



172.5270, -79.1350, -3.0630



189.4430, 45.4300, 35.7180

Rectangle

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



185.9820, 51.9960, -17.2200



177.6090, -7.6500, -37.5860



172.5270, -79.1350, -3.0630



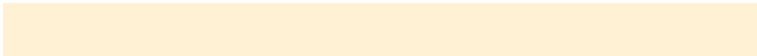
194.2270, 2.2400, 36.5120

Sweetspot

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



185.9820, 51.9960, -17.2200



241.8800, 17.6530, -6.0510



141.6900, 60.9720, 40.3960



119.7530, 10.8210, -3.3790



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.



185.9820, 51.9960, -17.2200



202.0470, 70.5660, -23.3700



204.9550, 29.1220, -43.2140



108.3980, 4.6310, -1.3290



121.3030, 72.7210, -23.8790



33.1360, 19.8080, -6.5600

Inverse Universe

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



138.0180, -51.9960, 17.2200



136.9530, -70.5660, 23.3700



119.0450, -29.1220, 43.2140



104.6020, -4.6310, 1.3290



54.6970, -72.7210, 23.8790



14.8640, -19.8080, 6.5600

Previews

White Background



This preview shows how the YIQ color 185.9820, 51.9960, -17.2200 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 185.9820, 51.9960, -17.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

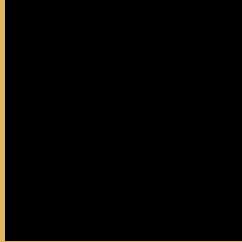
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.9820, 51.9960, -17.2200

Background



This preview shows how black text looks on a background with the YIQ color 185.9820, 51.9960, -17.2200.



This preview shows how white text looks on a background with the YIQ color 185.9820, 51.9960,

-17.2200.

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

185.9820, 51.9960, -17.2200

Protanopia

184.6490, 39.5720, -23.3400

Deuteranopia

186.4280, 56.6720, -13.8560



Tritanopia

192.4220, 31.5870, 16.7630

Trichromacy



Original Color

185.9820, 51.9960, -17.2200

Protanomaly

185.1550, 44.0190, -21.3330

Deuteranomaly

186.1180, 54.6090, -15.0150

Tritanomaly

190.2250, 38.9710, 4.0830

Monochromacy



Original Color

185.9820, 51.9960, -17.2200

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9510, 18.8910, -6.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9820, 51.9960, -17.2200 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(225, 183, 99)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 99)  
}
```

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(225, 183, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 99) }
```

Border

The CSS property to change the border of an element to YIQ 185.9820, 51.9960, -17.2200 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(225, 183, 99) }
```


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

```
.border{ border-color:rgb(225, 183, 99) }
```

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

Here you see how a box with a 4 pixel rgb(225, 183, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 99);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9820, 51.9960, -17.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 99) }
```

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

```
.background{ background-color: rgb(225,  
183, 99) }
```

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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