

Converting Colors

YIQ(187.1630, 75.9310,
-26.9890)

Have a look what the booklet for
YIQ(187.1630, 75.9310, -26.9890)
contains.

YIQ(187.1630, 75.9310, -26.9890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(187.1630, 75.9310,
-26.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B839
RGB	243, 184, 57
RGB Percent	95%, 72%, 22%
CMY	0.0470, 0.2785, 0.7761
CMYK	0.00, 0.24, 0.77, 0.05
HSL	41°, 89%, 59%
HSV	41°, 77%, 95%
XYZ	54.8439, 53.6244, 11.3442
YIQ	187.1630, 75.9310, -26.9890

Conversions

Conversions Part 2

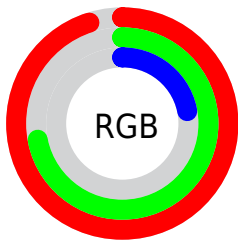
Format	Color
R_{YB}	143, 243, 57
Decimal	15972409
CIE _{Lab}	78.24, 10.05, 68.38
CIE _{LCh}	78, 69.111, 81.642
Yxy	53.6244, 0.4577, 0.4476
Android (android.graphics.Color)	4294162489 (0xFFFF3B839)
YUV	187.1630, -64.1704, 48.9690
Hunter-Lab	73.2287, 5.5355, 42.0752

Details

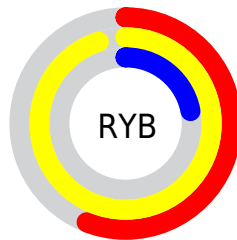
The YIQ color **187.1630, 75.9310, -26.9890** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **112.8370, -75.9310, 26.9890**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0070, 49.7070, -36.3170**, and **131.3150, 72.4470, -29.9290** is the 20% darker color. If you saturate the color by 10%, you get **179.7310, 85.8350, -30.2690**, and if you desaturate by 10%, it is **194.5950, 66.0270, -23.7090**.

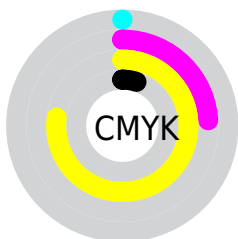
Distribution



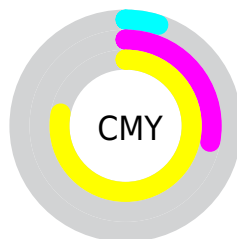
- Red (95%)
- Green (72%)
- Blue (22%)



- Red (56%)
- Yellow (95%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (77%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1630, 75.9310, -26.9890 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 187.1630, 75.9310, -26.9890 by changing the saturation by 10% instead.

187.1630, 75.9310,
-26.9890

187.1630, 75.9310,
-26.9890

255.0000, -0.0000,
-0.0000

158.2830, 75.4730,
-29.7030

230.0070, 49.7070,
-36.3170

131.3150, 72.4470,
-29.9290

242.0040, 36.5940,
-35.4540

107.6700, 61.4420,
-23.2140

245.0820, 27.9270,
-27.0570

85.2100, 51.3540,
-16.5980

248.3880, 18.6180,
-18.0380

63.6250, 40.1200,
-11.2400

251.6940, 9.3090,
-9.0190

42.6380, 30.0780,
-5.4580

23.1240, 20.0820,

-0.5100

■ 1.7940, 3.5760,
1.2720

■ 0.0000, 0.0000,
0.0000

■ 187.1630, 75.9310,
-26.9890

■ 187.1630, 75.9310,
-26.9890

■ 179.7310, 85.8350,
-30.2690

■ 194.5950, 66.0270,
-23.7090


■ 172.8860, 95.4640,
-34.0720

■ 201.5540, 56.0770,
-19.5950


■ 170.0990, 99.1780,
-35.3020


■ 208.9860, 46.1730,
-16.3150

■ 216.4180, 36.2690,
-13.0350

 223.9640, 26.0440,
-9.4440

 230.8090, 16.4150,
-5.6410

 238.2410, 6.5110,
-2.3610

 245.7870, -3.7140,
1.2300

 250.2380, -6.6020,
-1.4980

Harmonies

Analogous

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



180.2940, 78.0810, 0.1370



187.1630, 75.9310, -26.9890



181.6470, 32.7450, -48.3030

Triad

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



187.1630, 75.9310, -26.9890



158.7340, -138.3190, -42.8230



197.1750, 26.3540, 51.0420

Complementary

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



187.1630, 75.9310, -26.9890



112.8370, -75.9310, 26.9890

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.



185.8150, -35.3070, 17.6290



187.1630, 75.9310, -26.9890



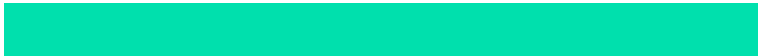
157.6230, -142.0800, -35.2320

Square

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



187.1630, 75.9310, -26.9890



151.2100, -117.1330, -63.3490



149.9920, -138.5050, -28.4330



180.4730, 45.8860, 49.4860

Rectangle

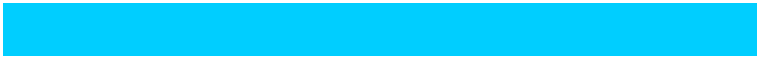
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.1630, 75.9310, -26.9890



175.8730, -9.1140, -55.1140



149.9920, -138.5050, -28.4330



194.9830, 8.9790, 41.0350

Sweetspot

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



187.1630, 75.9310, -26.9890



237.1210, 24.1640, -8.4120



119.6820, 90.9540, 58.7140



116.8520, 14.8560, -4.9200



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.



187.1630, 75.9310, -26.9890



184.7720, 95.7850, -34.3830



212.5270, 41.2300, -64.4180



118.8710, 4.6770, -2.1630



130.1630, 75.9310, -26.9890



41.1210, 24.1640, -8.4120

Inverse Universe

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



112.8370, -75.9310, 26.9890



90.8150, -96.0600, 33.8600



87.4730, -41.2300, 64.4180



113.7160, -4.9520, 1.6400



55.8370, -75.9310, 26.9890



17.8790, -24.1640, 8.4120

Previews

White Background



This preview shows how the YIQ color 187.1630, 75.9310, -26.9890 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 187.1630, 75.9310, -26.9890 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 187.1630, 75.9310, -26.9890

Background



This preview shows how black text looks on a background with the YIQ color 187.1630, 75.9310, -26.9890.



This preview shows how white text looks on a background with the YIQ color 187.1630, 75.9310,

-26.9890.

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

187.1630, 75.9310, -26.9890

Protanopia

185.6010, 56.7220, -36.7980

Deuteranopia

187.1630, 75.9310, -26.9890



Tritanopia

197.1030, 42.9110, 20.7910

Trichromacy



Original Color

187.1630, 75.9310, -26.9890

Protanomaly

185.8300, 63.5070, -33.1090

Deuteranomaly

187.1630, 75.9310, -26.9890

Tritanomaly

193.1960, 55.1100, 3.4460

Monochromacy



Original Color

187.1630, 75.9310, -26.9890

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0350, 27.2820, -9.8540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1630, 75.9310, -26.9890 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(243, 184, 57)` looks like.

```
.text, #text, p{  
    color:rgb(243, 184, 57)  
}
```

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(243, 184, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 184, 57) }
```

Border

The CSS property to change the border of an element to YIQ 187.1630, 75.9310, -26.9890 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(243, 184, 57) }
```


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

```
.border{ border-color:rgb(243, 184, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 184, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 184, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 184, 57);  
box-shadow:4px 4px 4px 4px rgb(243, 184,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1630, 75.9310, -26.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 184, 57) }
```

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

```
.background{ background-color: rgb(243,  
184, 57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor