

Converting Colors

YIQ(195.5870, 77.6730,
-25.5190)

Have a look what the booklet for
YIQ(195.5870, 77.6730, -25.5190)
contains.

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Color

**YIQ(195.5870, 77.6730,
-25.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBF42
RGB	254, 191, 66
RGB Percent	100%, 75%, 26%
CMY	0.0039, 0.2511, 0.7408
CMYK	0.00, 0.25, 0.74, 0.00
HSL	40°, 99%, 63%
HSV	40°, 74%, 100%
XYZ	60.4912, 58.7188, 13.3159
YIQ	195.5870, 77.6730, -25.5190

Conversions

Conversions Part 2

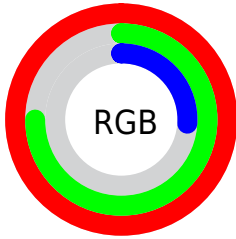
Format	Color
RYB	161, 254, 66
Decimal	16695106
CIELab	81.14, 11.39, 68.20
CIElCh	81, 69.149, 80.517
Yxy	58.7188, 0.4564, 0.4431
Android (android.graphics.Color)	4294885186 (0xFFFEBF42)
YUV	195.5870, -63.8864, 51.2282
Hunter-Lab	76.6282, 6.8106, 43.3368

Details

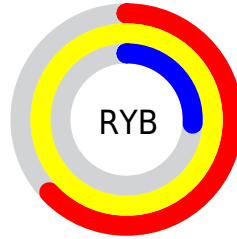
The YIQ color **195.5870, 77.6730, -25.5190** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **124.4130, -77.6730, 25.5190**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0280, 45.2140, -37.4900**, and **138.7130, 77.0780, -31.2580** is the 20% darker color. If you saturate the color by 10%, you get **187.4540, 88.1730, -28.5870**, and if you desaturate by 10%, it is **203.8340, 66.8520, -22.1400**.

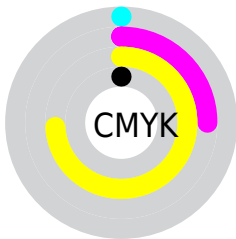
Distribution



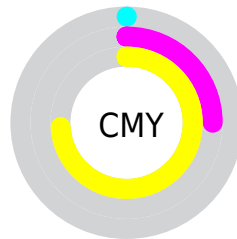
- Red (100%)
- Green (75%)
- Blue (26%)



- Red (63%)
- Yellow (100%)
- Blue (26%)



- Cyan (0%)
- Magenta (25%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.5870, 77.6730, -25.5190 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 195.5870, 77.6730, -25.5190 by changing the saturation by 10% instead.

195.5870, 77.6730,
-25.5190

195.5870, 77.6730,
-25.5190

255.0000, -0.0000,
-0.0000

167.0490, 76.2520,
-27.3000

235.0280, 45.2140,
-37.4900

138.7130, 77.0780,
-31.2580

242.9160, 34.0260,
-32.9660

115.0680, 66.0730,
-24.5430

246.1080, 25.0380,
-24.2580

91.7220, 55.6640,
-17.6160

249.4140, 15.7290,
-15.2390

69.5500, 44.7050,
-11.7350

252.7200, 6.4200,
-6.2200

48.2640, 34.0670,
-6.1650

28.4510, 23.4750,

-1.4290

■ 8.0730, 16.0920,
5.7240

■ 0.0000, 0.0000,
0.0000

■ 195.5870, 77.6730,
-25.5190

■ 195.5870, 77.6730,
-25.5190

■ 187.4540, 88.1730,
-28.5870

■ 203.8340, 66.8520,
-22.1400

■ 179.7940, 98.7190,
-32.4890

■ 211.3800, 56.6270,
-18.5490

■ 175.1490,
104.9090, -34.5390

■ 219.5130, 46.1270,
-15.4810

■ 227.1730, 35.5810,
-11.5790

■ 235.3060, 25.0810,
-8.5110

■ 242.9660, 14.5350,
-4.6090

■ 251.0990, 4.0350,
-1.5410

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



185.4290, 73.2670, -0.7250



195.5870, 77.6730, -25.5190



190.1310, 34.2580, -48.1900

Triad

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



195.5870, 77.6730, -25.5190



164.7010, -142.7200, -45.6640



202.7570, 24.4750, 46.5470

Complementary

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



195.5870, 77.6730, -25.5190



124.4130, -77.6730, 25.5190

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.



192.2940, -35.3980, 13.7700



195.5870, 77.6730, -25.5190



162.9060, -144.5550, -39.9390

Square

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



195.5870, 77.6730, -25.5190



156.4760, -120.9380, -65.9780



155.2750, -140.9800, -33.1400



187.0100, 39.8800, 48.2000

Rectangle

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



195.5870, 77.6730, -25.5190



184.1400, -5.4920, -54.6760



155.2750, -140.9800, -33.1400



202.0600, 10.0800, 37.6000

Sweetspot

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



195.5870, 77.6730, -25.5190



237.4630, 23.2010, -7.4790



129.7360, 90.8620, 60.3820



117.0800, 14.2140, -4.2980



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.



195.5870, 77.6730, -25.5190



184.5100, 93.7670, -30.8490



224.1960, 43.6600, -64.4040



123.5830, 5.5480, -1.4280



131.6580, 78.9110, -25.9290



43.7900, 26.5940, -8.3980

Inverse Universe

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



124.4130, -77.6730, 25.5190



98.4900, -93.7670, 30.8490



95.8040, -43.6600, 64.4040



118.8300, -5.2730, 1.9510



59.3420, -78.9110, 25.9290



19.6230, -26.3190, 8.9210

Previews

White Background



This preview shows how the YIQ color 195.5870, 77.6730, -25.5190 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 195.5870, 77.6730, -25.5190 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 195.5870, 77.6730, -25.5190

Background



This preview shows how black text looks on a background with the YIQ color 195.5870, 77.6730, -25.5190.



This preview shows how white text looks on a background with the YIQ color 195.5870, 77.6730, -25.5190.

-25.5190.

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

195.5870, 77.6730, -25.5190

Protanopia

194.0140, 56.9970, -36.2750

Deuteranopia

195.8750, 76.8020, -26.2540



Tritanopia

205.1950, 39.6560, 19.2080

Trichromacy



Original Color

195.5870, 77.6730, -25.5190

Protanomaly

194.5420, 64.3780, -32.3740

Deuteranomaly

195.8750, 76.8020, -26.2540

Tritanomaly

201.5980, 53.9180, 3.0220

Monochromacy



Original Color

195.5870, 77.6730, -25.5190

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.7470, 28.1530, -9.1190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.5870, 77.6730, -25.5190 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(254, 191, 66)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 66)  
}
```

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(254, 191, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 66) }
```

Border

The CSS property to change the border of an element to YIQ 195.5870, 77.6730, -25.5190 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(254, 191, 66) }
```


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

```
.border{ border-color:rgb(254, 191, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 191, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 66);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 195.5870, 77.6730, -25.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 66) }
```

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

```
.background{ background-color: rgb(254,  
191, 66) }
```

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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