

Converting Colors

YIQ(200.6130, 82.8110,
-41.5490)

Have a look what the booklet for
YIQ(200.6130, 82.8110, -41.5490)
contains.

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Color

**YIQ(200.6130, 82.8110,
-41.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	FECD26
RGB	254, 205, 38
RGB Percent	100%, 80%, 15%
CMY	0.0039, 0.1961, 0.8505
CMYK	0.00, 0.19, 0.85, 0.00
HSL	46°, 99%, 57%
HSV	46°, 85%, 100%
XYZ	63.0523, 64.8647, 11.0405
YIQ	200.6130, 82.8110, -41.5490

Conversions

Conversions Part 2

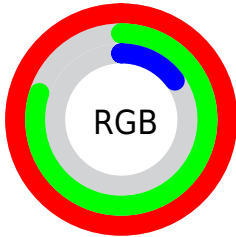
Format	Color
RYB	101, 254, 38
Decimal	16698662
CIELab	84.41, 3.25, 79.87
CIELCh	84, 79.931, 87.668
Yxy	64.8647, 0.4538, 0.4668
Android (android.graphics.Color)	4294888742 (0xFFFECD26)
YUV	200.6130, -80.1682, 46.8204
Hunter-Lab	80.5386, -1.1981, 48.2493

Details

The YIQ color **200.6130, 82.8110, -41.5490** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **91.3870, -82.8110, 41.5490**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5580, 49.1130, -47.5830**, and **146.0450, 72.9070, -38.2690** is the 20% darker color. If you saturate the color by 10%, you get **194.2410, 92.4860, -46.1860**, and if you desaturate by 10%, it is **207.0990, 72.8150, -36.6010**.

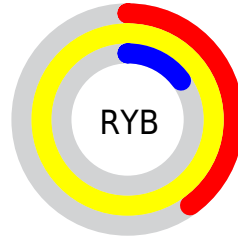
Distribution



Red (100%)

Green (80%)

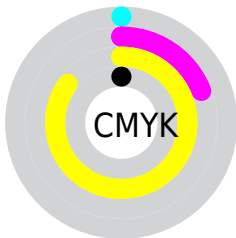
Blue (15%)



Red (40%)

Yellow (100%)

Blue (15%)

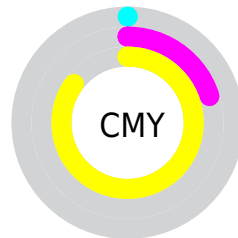


Cyan (0%)

Magenta (19%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 200.6130, 82.8110, -41.5490 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 200.6130, 82.8110, -41.5490 by changing the saturation by 10% instead.


 200.6130, 82.8110,
-41.5490


 200.6130, 82.8110,
-41.5490

 255.0000, -0.0000,
-0.0000


 171.1630, 83.9580,
-45.8180


 237.5580, 49.1130,
-47.5830


 146.0450, 72.9070,
-38.2690


 240.8640, 39.8040,
-38.5640


 122.4000, 61.9020,
-31.5540


 244.0560, 30.8160,
-29.8560

 99.0540, 51.4930,
-24.6270

 247.3620, 21.5070,
-20.8370

 76.2950, 40.8090,
-18.2230

 250.7820, 11.8770,
-11.5070

 55.0090, 30.1710,
-12.6530

 254.0880, 2.5680,

 34.9080, 20.4500,

-2.4880

-7.1820

■ 15.4050, 11.9210,
-1.2870

■ 0.0000, 0.0000,
0.0000

■ 200.6130, 82.8110,
-41.5490

■ 200.6130, 82.8110,
-41.5490

■ 194.2410, 92.4860,
-46.1860

■ 207.0990, 72.8150,
-36.6010

■ 190.9980, 97.4840,
-48.6600

■ 213.4710, 63.1400,
-31.9640

■ 219.2560, 53.7400,
-26.8040

■ 225.7420, 43.7440,
-21.8560

■ 232.1140, 34.0690,
-17.2190

■ 238.6000, 24.0730,
-12.2710

■ 244.3850, 14.6730,
-7.1110

■ 250.7570, 4.9980,
-2.4740

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.



188.2040, 77.8540, -12.2740



200.6130, 82.8110, -41.5490



194.1370, 24.9530, -61.2790

Triad

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



200.6130, 82.8110, -41.5490



173.4720, -149.5050, -49.3530



199.2350, 26.1250, 49.6850

Complementary

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



200.6130, 82.8110, -41.5490



91.3870, -82.8110, 41.5490

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.



202.1610, -15.7300, 20.7660



200.6130, 82.8110, -41.5490



168.7760, -147.3050, -45.1690

Square

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



200.6130, 82.8110, -41.5490



167.4300, -132.4920, -65.8360



158.7970, -142.6300, -36.2780



182.3310, 43.4100, 50.3060

Rectangle

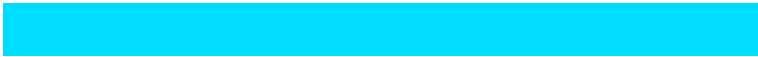
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.6130, 82.8110, -41.5490



184.8440, -28.5060, -67.1140



158.7970, -142.6300, -36.2780



205.6920, 23.1000, 43.9320

Sweetspot

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



200.6130, 82.8110, -41.5490



239.4860, 24.3940, -12.5820



108.2840, 112.6860, 61.3420



118.2710, 14.9940, -7.4220



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.



200.6130, 82.8110, -41.5490



191.8840, 97.8050, -48.9710



212.0340, 34.7680, -79.4720



124.7570, 4.9980, -2.4740



143.9850, 73.1360, -36.9120



47.8990, 24.6690, -12.0590

Inverse Universe

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



91.3870, -82.8110, 41.5490



63.1160, -97.8050, 48.9710



79.9660, -34.7680, 79.4720



118.2430, -4.9980, 2.4740



47.0150, -73.1360, 36.9120



15.5140, -24.3940, 12.5820

Previews

White Background



This preview shows how the YIQ color 200.6130, 82.8110, -41.5490 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 200.6130, 82.8110, -41.5490 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 200.6130, 82.8110, -41.5490

Background



This preview shows how black text looks on a background with the YIQ color 200.6130, 82.8110, -41.5490.



This preview shows how white text looks on a background with the YIQ color 200.6130, 82.8110,

-41.5490.

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

200.6130, 82.8110, -41.5490

Protanopia

199.2800, 70.3870, -47.6690

Deuteranopia

207.3590, 61.1200, -17.3760



Tritanopia

214.3080, 31.9080, 16.4520

Trichromacy



Original Color

200.6130, 82.8110, -41.5490

Protanomaly

199.7860, 74.8340, -45.6620

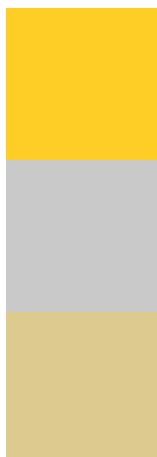
Deuteranomaly

204.9820, 69.1910, -25.9850

Tritanomaly

209.7020, 50.3890, -4.6110

Monochromacy



Original Color

200.6130, 82.8110, -41.5490

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.5420, 29.9880, -14.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6130, 82.8110, -41.5490 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, 205, 38)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 38)  
}
```

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, 205, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 38) }
```

Border

The CSS property to change the border of an element to YIQ 200.6130, 82.8110, -41.5490 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, 205, 38) }
```


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

```
.border{ border-color:rgb(254, 205, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 38);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6130, 82.8110, -41.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 38) }
```

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

```
.background{ background-color: rgb(254,  
205, 38) }
```

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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