

Converting Colors

YIQ(188.7640, 98.2630,
-46.2570)

Have a look what the booklet for
YIQ(188.7640, 98.2630, -46.2570)
contains.

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Color

**YIQ(188.7640, 98.2630,
-46.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC001
RGB	254, 192, 1
RGB Percent	100%, 75%, 0%
CMY	0.0039, 0.2471, 0.9955
CMYK	0.00, 0.24, 1.00, 0.00
HSL	45°, 99%, 50%
HSV	45°, 100%, 100%
XYZ	59.7258, 58.7623, 8.2270
YIQ	188.7640, 98.2630, -46.2570

Conversions

Conversions Part 2

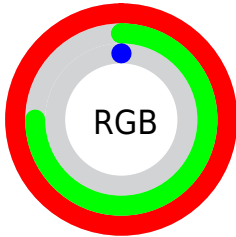
Format	Color
R_YB	83, 254, 1
Decimal	16695297
CIE Lab	81.16, 9.47, 82.97
CIE LCh	81, 83.505, 83.490
Yxy	58.7623, 0.4713, 0.4637
Android (android.graphics.Color)	4294885377 (0xFFFE001)
YUV	188.7640, -92.5677, 57.2120
Hunter-Lab	76.6566, 4.9264, 47.2964

Details

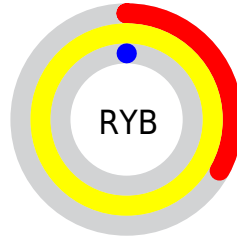
The YIQ color **188.7640, 98.2630, -46.2570** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **66.2360, -98.2630, 46.2570**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.5110, 56.4950, -49.2090**, and **139.0010, 76.2070, -31.9930** is the 20% darker color. If you saturate the color by 10%, you get **188.6500, 98.5840, -46.5680**, and if you desaturate by 10%, it is **195.2500, 88.2670, -41.3090**.

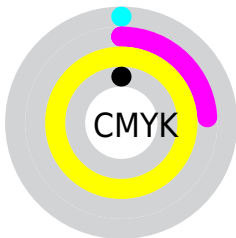
Distribution



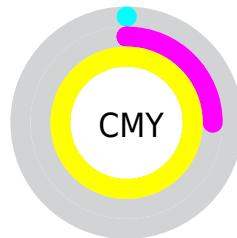
- Red (100%)
- Green (75%)
- Blue (0%)



- Red (33%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7640, 98.2630, -46.2570 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 188.7640, 98.2630, -46.2570 by changing the saturation by 10% instead.


 188.7640, 98.2630,
-46.2570


 188.7640, 98.2630,
-46.2570


255.0000, -0.0000,
-0.0000


 163.5320, 87.5330,
-39.0190


 231.5110, 56.4950,
-49.2090


 139.0010, 76.2070,
-31.9930


 238.9260, 45.2610,
-43.8510


 115.0570, 64.6060,
-25.4900


 242.2320, 35.9520,
-34.8320

 91.4120, 53.6010,
-18.7750

 245.5380, 26.6430,
-25.8130

 69.2400, 42.6420,
-12.8940

 248.8440, 17.3340,
-16.7940

 48.2530, 32.6000,
-7.1120

 252.2640, 7.7040,

 28.7390, 22.6040,

-7.4640

-2.1640

■ 7.4750, 14.9000,
5.3000

■ 0.0000, 0.0000,
0.0000

■ 188.7640, 98.2630,
-46.2570

■ 188.7640, 98.2630,
-46.2570

■ 188.6500, 98.5840,
-46.5680

■ 195.2500, 88.2670,
-41.3090

■ 201.6220, 78.5920,
-36.6720

■ 208.5810, 68.6420,
-32.5580

■ 215.0670, 58.6460,
-27.6100

■ 221.4390, 48.9710,
-22.9730

■ 227.9250, 38.9750,
-18.0250

■ 234.8840, 29.0250,
-13.9110

■ 241.2560, 19.3500,
-9.2740

■ 247.7420, 9.3540,
-4.3260

Harmonies

Analogous

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



178.6010, 84.2260, -6.6060



188.7640, 98.2630, -46.2570



183.9180, 38.5710, -65.7890

Triad

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



188.7640, 98.2630, -46.2570



168.7760, -147.3050, -45.1690



194.5390, 28.3250, 53.8690

Complementary

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



188.7640, 98.2630, -46.2570



66.2360, -98.2630, 46.2570

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.



189.3590, -34.0230, 16.3850



188.7640, 98.2630, -46.2570



165.2540, -145.6550, -42.0310

Square

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



188.7640, 98.2630, -46.2570



159.7530, -123.2760, -67.6600



155.8620, -141.2550, -33.6630



174.3410, 46.6180, 58.2500

Rectangle

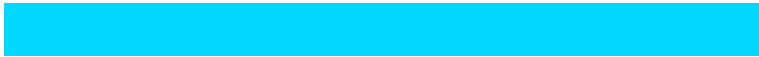
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.7640, 98.2630, -46.2570



176.2380, -18.0520, -69.3480



155.8620, -141.2550, -33.6630



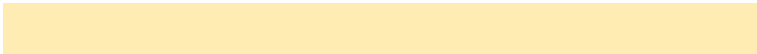
200.0880, 22.0450, 46.5330

Sweetspot

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



188.7640, 98.2630, -46.2570



235.1830, 29.6210, -13.6990



83.8290, 130.5650, 73.2290



115.7120, 18.0660, -8.0300



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.



188.7640, 98.2630, -46.2570



188.9490, 99.1800, -46.3560



206.3210, 43.6650, -92.0390



124.1700, 5.2730, -1.9510



141.6370, 74.2360, -34.8200



47.3120, 24.9440, -11.5360

Inverse Universe

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



66.2360, -98.2630, 46.2570



66.0510, -99.1800, 46.3560



48.6790, -43.6650, 92.0390



118.2430, -4.9980, 2.4740



49.3630, -74.2360, 34.8200



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 188.7640, 98.2630, -46.2570 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 188.7640, 98.2630, -46.2570 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 188.7640, 98.2630, -46.2570

Background



This preview shows how black text looks on a background with the YIQ color 188.7640, 98.2630, -46.2570.



This preview shows how white text looks on a background with the YIQ color 188.7640, 98.2630, -46.2570.

-46.2570.

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

188.7640, 98.2630, -46.2570

Protanopia

188.3420, 75.8440, -52.9560

Deuteranopia

190.8700, 92.3930, -38.9910



Tritanopia

205.1950, 39.6560, 19.2080

Trichromacy



Original Color

188.7640, 98.2630, -46.2570

Protanomaly

188.1150, 83.9130, -50.5110

Deuteranomaly

189.9580, 94.9610, -41.4790

Tritanomaly

199.5630, 61.0260, -4.6540

Monochromacy



Original Color

188.7640, 98.2630, -46.2570

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0110, 35.8570, -16.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7640, 98.2630, -46.2570 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, 192, 1)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 1)  
}
```

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, 192, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 1) }
```

Border

The CSS property to change the border of an element to YIQ 188.7640, 98.2630, -46.2570 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, 192, 1) }
```


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

```
.border{ border-color:rgb(254, 192, 1) }
```

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

Here you see how a box with a 4 pixel rgb(254, 192, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 1);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
1) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7640, 98.2630, -46.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 1) }
```

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

```
.background{ background-color: rgb(254,  
192, 1) }
```

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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