

Converting Colors

YIQ(201.4480, 69.9740,
-45.6900)

Have a look what the booklet for
YIQ(201.4480, 69.9740, -45.6900)
contains.

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Color

**YIQ(201.4480, 69.9740,
-45.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D42E
RGB	240, 212, 46
RGB Percent	94%, 83%, 18%
CMY	0.0589, 0.1687, 0.8192
CMYK	0.00, 0.12, 0.81, 0.06
HSL	51°, 87%, 56%
HSV	51°, 81%, 94%
XYZ	59.9676, 65.8026, 12.1360
YIQ	201.4480, 69.9740, -45.6900

Conversions

Conversions Part 2

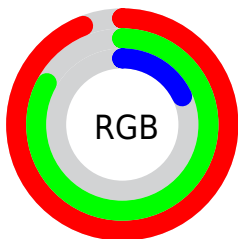
Format	Color
R_{YB}	79, 240, 46
Decimal	15782958
CIE Lab	84.90, -6.05, 77.71
CIE LCh	85, 77.943, 94.455
Yxy	65.8026, 0.4348, 0.4772
Android (android.graphics.Color)	4293973038 (0xFFFF0D42E)
YUV	201.4480, -76.6359, 33.8101
Hunter-Lab	81.1188, -10.0005, 47.9129

Details

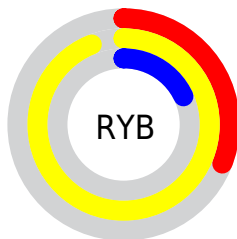
The YIQ color **201.4480, 69.9740, -45.6900** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **84.5520, -69.9740, 45.6900**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1280, 47.5080, -46.0280**, and **146.5660, 63.8300, -44.4740** is the 20% darker color. If you saturate the color by 10%, you get **196.9510, 78.5030, -51.5850**, and if you desaturate by 10%, it is **205.9450, 61.4450, -39.7950**.

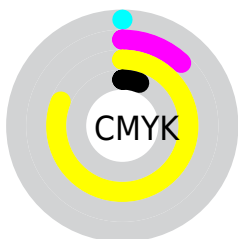
Distribution



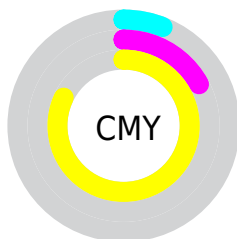
- Red (94%)
- Green (83%)
- Blue (18%)



- Red (31%)
- Yellow (94%)
- Blue (18%)



- Cyan (0%)
- Magenta (12%)
- Yellow (81%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4480, 69.9740, -45.6900 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 201.4480, 69.9740, -45.6900 by changing the saturation by 10% instead.

201.4480, 69.9740,
-45.6900

201.4480, 69.9740,
-45.6900

255.0000, -0.0000,
-0.0000

171.3850, 74.2850,
-52.2350

238.1280, 47.5080,
-46.0280

146.5660, 63.8300,
-44.4740

241.4340, 38.1990,
-37.0090

122.3340, 53.1000,
-37.2360

244.7400, 28.8900,
-27.9900

99.2870, 43.2870,
-30.0970

248.0460, 19.5810,
-18.9710

76.5280, 32.6030,
-23.6930

251.3520, 10.2720,
-9.9520

54.9540, 22.8360,
-17.3880

254.7720, 0.6420,

34.8530, 13.1150,

-0.6220

-11.9170

■ 14.7410, 1.9270,
-7.3930

■ 0.0000, 0.0000,
0.0000

■ 201.4480, 69.9740,
-45.6900

■ 201.4480, 69.9740,
-45.6900

■ 196.9510, 78.5030,
-51.5850


■ 205.9450, 61.4450,
-39.7950


■ 192.0950, 86.6650,
-56.3350


■ 211.0290, 52.6410,
-34.4230


■ 215.5260, 44.1120,
-28.5280

■ 220.6100, 35.3080,
-23.1560

 225.1070, 26.7790,
-17.2610

 230.1910, 17.9750,
-11.8890

 234.6880, 9.4460,
-5.9940

 239.7720, 0.6420,
-0.6220

 243.4710, -5.6400,
3.0960

Harmonies

Analogous

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



193.3900, 77.0300, -19.3700



201.4480, 69.9740, -45.6900



193.7530, 8.5390, -61.1650

Triad

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



201.4480, 69.9740, -45.6900



173.4720, -149.5050, -49.3530



196.8870, 27.2250, 51.7770

Complementary

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



201.4480, 69.9740, -45.6900



84.5520, -69.9740, 45.6900

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.



207.5980, 2.3330, 29.3170



201.4480, 69.9740, -45.6900



167.6020, -146.7550, -44.1230

Square

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



201.4480, 69.9740, -45.6900



170.1830, -138.8660, -60.4500



167.8110, -118.8820, -26.1300



182.8550, 47.4460, 43.2380

Rectangle

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



201.4480, 69.9740, -45.6900



182.2960, -50.3300, -68.0740



167.8110, -118.8820, -26.1300



202.7570, 24.4750, 46.5470

Sweetspot

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



201.4480, 69.9740, -45.6900



242.7630, 22.0560, -14.2640



107.3120, 106.3150, 50.1470



120.2600, 13.5270, -8.3690



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.



201.4480, 69.9740, -45.6900



205.7100, 89.1870, -57.9890



197.5520, 21.7460, -74.7500



117.4580, 4.4020, -2.6860



147.1750, 66.4890, -43.1030



44.9200, 20.1760, -13.2320

Inverse Universe

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



84.5520, -69.9740, 45.6900



56.7030, -88.9120, 58.5120



88.4480, -21.7460, 74.7500



110.5420, -4.4020, 2.6860



36.8250, -66.4890, 43.1030



11.0800, -20.1760, 13.2320

Previews

White Background



This preview shows how the YIQ color 201.4480, 69.9740, -45.6900 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 201.4480, 69.9740, -45.6900 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 201.4480, 69.9740, -45.6900

Background



This preview shows how black text looks on a background with the YIQ color 201.4480, 69.9740, -45.6900.



This preview shows how white text looks on a background with the YIQ color 201.4480, 69.9740,

-45.6900.

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

201.4480, 69.9740, -45.6900

Protanopia

201.4370, 68.5070, -46.6370

Deuteranopia

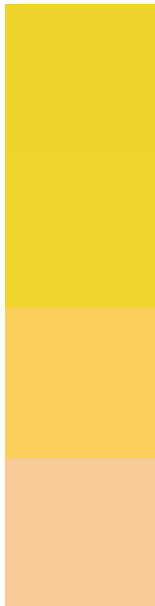
209.3310, 58.3230, -16.2450



Tritanopia

215.2690, 27.6440, 16.6360

Trichromacy



Original Color

201.4480, 69.9740, -45.6900

Protanomaly

201.7360, 69.1030, -46.4250

Deuteranomaly

206.6330, 62.8640, -26.9600

Tritanomaly

210.0540, 43.4660, -5.7980

Monochromacy



Original Color

201.4480, 69.9740, -45.6900

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1500, 25.2200, -16.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4480, 69.9740, -45.6900 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(240, 212, 46)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 46)  
}
```

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(240, 212, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 46) }
```

Border

The CSS property to change the border of an element to YIQ 201.4480, 69.9740, -45.6900 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(240, 212, 46) }
```


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

```
.border{ border-color:rgb(240, 212, 46) }
```

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

Here you see how a box with a 4 pixel rgb(240, 212, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 46);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4480, 69.9740, -45.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 46) }
```

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

```
.background{ background-color: rgb(240,  
212, 46) }
```

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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