

Converting Colors

YIQ(214.6410, 76.4400,
-52.7440)

Have a look what the booklet for
YIQ(214.6410, 76.4400, -52.7440)
contains.

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Color

**YIQ(214.6410, 76.4400,
-52.7440)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE428 |
| RGB | 255, 228, 40 |
| RGB Percent | 100%, 89%, 16% |
| CMY | 0.0001, 0.1059, 0.8426 |
| CMYK | 0.00, 0.11, 0.84, 0.00 |
| HSL | 52°, 100%, 58% |
| HSV | 52°, 84%, 100% |
| XYZ | 69.3601, 76.8917, 13.2036 |
| YIQ | 214.6410, 76.4400, -52.7440 |

Conversions

Conversions Part 2

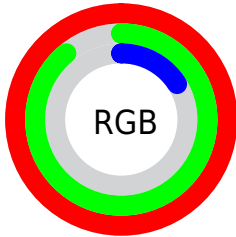
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 71, 255, 40 |
| Decimal | 16770088 |
| CIE Lab | 90.27, -7.91, 84.23 |
| CIE LCh | 90, 84.604, 95.368 |
| Yxy | 76.8917, 0.4350, 0.4822 |
| Android (android.graphics.Color) | 4294960168 (0xFFFFE428) |
| YUV | 214.6410, -86.0980, 35.3948 |
| Hunter-Lab | 87.6879, -12.2624, 52.4539 |

Details

The YIQ color **214.6410, 76.4400, -52.7440** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **80.3590, -76.4400, 52.7440**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.0140, 47.8290, -46.3390**, and **159.5570, 68.0490, -49.3510** is the 20% darker color. If you saturate the color by 10%, you get **210.0300, 85.2900, -58.9500**, and if you desaturate by 10%, it is **219.3660, 67.2690, -46.2270**.

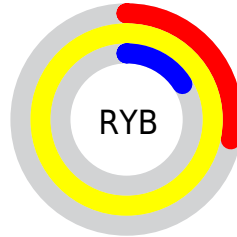
Distribution



Red (100%)

Green (89%)

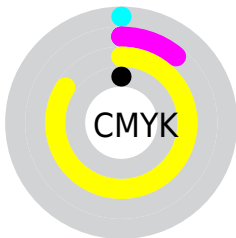
Blue (16%)



Red (28%)

Yellow (100%)

Blue (16%)

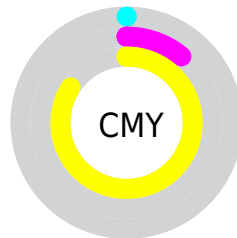


Cyan (0%)

Magenta (11%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.6410, 76.4400, -52.7440 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 214.6410, 76.4400, -52.7440 by changing the saturation by 10% instead.

 214.6410, 76.4400,
-52.7440


 214.6410, 76.4400,
-52.7440


255.0000, -0.0000,
-0.0000

 184.3760, 78.5040,
-57.1120


 238.0140, 47.8290,
-46.3390


 159.5570, 68.0490,
-49.3510


 241.3200, 38.5200,
-37.3200

 135.3250, 57.3190,
-42.1130


 244.7400, 28.8900,
-27.9900

 111.3920, 47.1850,
-34.6630

 248.0460, 19.5810,
-18.9710

 88.6330, 36.5010,
-28.2590

 251.4660, 9.9510,
-9.6410

 66.1730, 26.4130,
-21.6430

254.8860, 0.3210,

 45.1860, 16.3710,

-0.3110

-15.8610

■ 25.6830, 7.8420,
-9.9660

■ 1.1740, -0.5500,
-1.0460

■ 214.6410, 76.4400,
-52.7440

■ 214.6410, 76.4400,
-52.7440

■ 210.0300, 85.2900,
-58.9500

■ 219.3660, 67.2690,
-46.2270

■ 207.1460, 90.6550,
-62.5690

■ 223.9770, 58.4190,
-40.0210

■ 229.2890, 48.9730,
-34.0270

■ 233.9000, 40.1230,
-27.8210

■ 238.6250, 30.9520,
-21.3040

■ 243.2360, 22.1020,
-15.0980

■ 247.9610, 12.9310,
-8.5810

■ 253.1590, 3.8060,
-2.8980

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



200.7930, 74.0970, -26.7910



214.6410, 76.4400, -52.7440



206.4550, 6.2020, -68.3740

Triad

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



214.6410, 76.4400, -52.7440



178.7550, -151.9800, -54.0600



201.5830, 25.0250, 47.5930

Complementary

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



214.6410, 76.4400, -52.7440



80.3590, -76.4400, 52.7440

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.



220.0350, 11.2280, 27.8040



214.6410, 76.4400, -52.7440



177.5810, -151.4300, -53.0140

Square

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



214.6410, 76.4400, -52.7440



177.0450, -147.1650, -58.7250



174.2240, -127.7750, -35.6710



187.7450, 41.9440, 43.8320

Rectangle

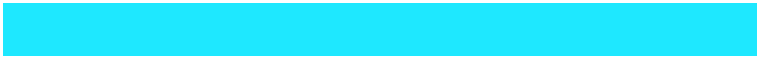
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.6410, 76.4400, -52.7440



190.5180, -60.0030, -74.4910



174.2240, -127.7750, -35.6710



208.0400, 22.0000, 41.8400

Sweetspot

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



214.6410, 76.4400, -52.7440



243.0080, 22.7440, -15.7200



107.5910, 118.8310, 54.5990



120.6190, 13.8940, -9.5140



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.



214.6410, 76.4400, -52.7440



207.1460, 90.6550, -62.5690



206.8690, 21.9310, -83.6130



125.3440, 4.7230, -2.9970



155.1380, 67.9110, -46.8490



52.0080, 22.7440, -15.7200

Inverse Universe

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



80.3590, -76.4400, 52.7440



47.8540, -90.6550, 62.5690



88.1310, -21.9310, 83.6130



117.0690, -4.4480, 3.5200



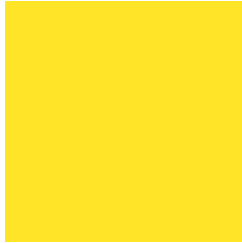
35.8620, -67.9110, 46.8490



11.9920, -22.7440, 15.7200

Previews

White Background



This preview shows how the YIQ color 214.6410, 76.4400, -52.7440 looks on a white background.

Color Contrast Check

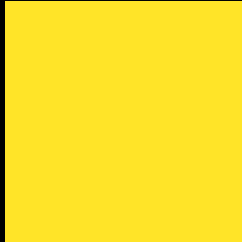
Large Text (above 18pt) WCAG AA × Fail

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 214.6410, 76.4400, -52.7440 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 214.6410, 76.4400, -52.7440

Background



This preview shows how black text looks on a background with the YIQ color 214.6410, 76.4400, -52.7440.



This preview shows how white text looks on a background with the YIQ color 214.6410, 76.4400, -52.7440.

-52.7440.

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

214.6410, 76.4400, -52.7440

Protanopia

216.8070, 70.3410, -46.8350

Deuteranopia

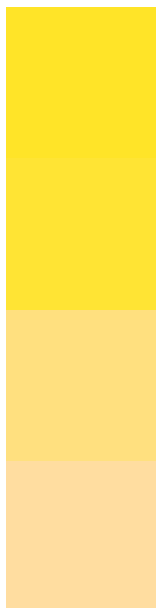
226.7370, 34.1130, -6.9990



Tritanopia

229.6160, 19.1170, 11.4770

Trichromacy



Original Color

214.6410, 76.4400, -52.7440

Protanomaly

216.0090, 72.5880, -49.0120

Deuteranomaly

222.2110, 49.6130, -23.5950

Tritanomaly

224.2120, 39.8450, -11.7630

Monochromacy



Original Color

214.6410, 76.4400, -52.7440

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.1240, 28.1090, -19.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.6410, 76.4400, -52.7440 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(255, 228, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 40)  
}
```

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(255, 228, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 40) }
```

Border

The CSS property to change the border of an element to YIQ 214.6410, 76.4400, -52.7440 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(255, 228, 40) }
```


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

```
.border{ border-color:rgb(255, 228, 40) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 214.6410, 76.4400, -52.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 40) }
```

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

```
.background{ background-color: rgb(255,  
228, 40) }
```

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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