

Converting Colors

YIQ(223.0410, 77.5890,
-68.0670)

Have a look what the booklet for
YIQ(223.0410, 77.5890, -68.0670)
contains.

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Color

**YIQ(223.0410, 77.5890,
-68.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF615
RGB	255, 246, 21
RGB Percent	100%, 96%, 8%
CMY	0.0001, 0.0353, 0.9171
CMYK	0.00, 0.04, 0.92, 0.00
HSL	58°, 100%, 54%
HSV	58°, 92%, 100%
XYZ	74.3198, 87.2177, 13.6331
YIQ	223.0410, 77.5890, -68.0670

Conversions

Conversions Part 2

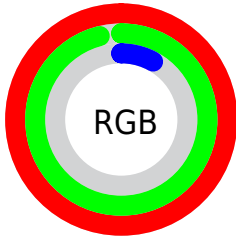
Format	Color
R _Y B	30, 255, 21
Decimal	16774677
CIE Lab	94.83, -17.08, 91.03
CIE LCh	95, 92.620, 100.627
Yxy	87.2177, 0.4243, 0.4979
Android (android.graphics.Color)	4294964757 (0xFFFFFFFF615)
YUV	223.0410, -99.6062, 28.0280
Hunter-Lab	93.3904, -21.3835, 56.7182

Details

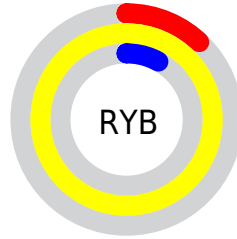
The YIQ color **223.0410, 77.5890, -68.0670** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **52.9590, -77.5890, 68.0670**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3300, 49.7550, -48.2050**, and **169.5360, 63.3740, -58.2420** is the 20% darker color. If you saturate the color by 10%, you get **220.0600, 84.6050, -74.0750**, and if you desaturate by 10%, it is **226.5920, 68.9680, -60.5040**.

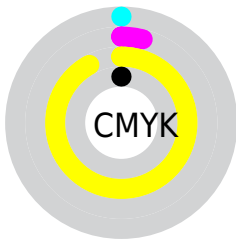
Distribution



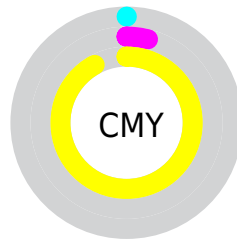
- Red (100%)
- Green (96%)
- Blue (8%)



- Red (12%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (4%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.0410, 77.5890, -68.0670 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 223.0410, 77.5890, -68.0670 by changing the saturation by 10% instead.

223.0410, 77.5890,
-68.0670

223.0410, 77.5890,
-68.0670

255.0000, -0.0000,
-0.0000

194.9420, 73.5540,
-66.5260

237.3300, 49.7550,
-48.2050

169.2370, 62.7780,
-58.4540

240.7500, 40.1250,
-38.8750

144.4180, 52.3230,
-50.6930

244.1700, 30.4950,
-29.5450

120.4850, 42.1890,
-43.2430

247.5900, 20.8650,
-20.2150

97.1390, 31.7800,
-36.3160

251.0100, 11.2350,
-10.8850

74.6790, 21.6920,
-29.7000

254.5440, 1.2840,

53.1050, 11.9250,

-1.2440

-23.3950

■ 32.4170, 2.4790,
-17.4010

■ 14.0880, -6.6000,
-12.5520

■ 223.0410, 77.5890,
-68.0670

■ 223.0410, 77.5890,
-68.0670

■ 220.0600, 84.6050,
-74.0750

■ 226.5920, 68.9680,
-60.5040

■ 230.0290, 60.6680,
-53.2520

■ 233.5800, 52.0470,
-45.6890

■ 237.0170, 43.7470,
-38.4370

■ 240.5680, 35.1260,
-30.8740

■ 244.0050, 26.8260,
-23.6220

■ 247.5560, 18.2050,
-16.0590

■ 250.9930, 9.9050,
-8.8070

■ 254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



208.1330, 75.4750, -40.7570



223.0410, 77.5890, -68.0670



206.8170, -6.6810, -71.6810

Triad

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



223.0410, 77.5890, -68.0670



178.7550, -151.9800, -54.0600



200.9960, 25.3000, 48.1160

Complementary

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



223.0410, 77.5890, -68.0670



52.9590, -77.5890, 68.0670

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.



223.8890, 14.5750, 27.7190



223.0410, 77.5890, -68.0670



178.7550, -151.9800, -54.0600

Square

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



223.0410, 77.5890, -68.0670



178.7550, -151.9800, -54.0600



198.9530, -90.0430, -25.6510



189.0500, 42.4030, 41.0190

Rectangle

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



223.0410, 77.5890, -68.0670



166.4430, -117.3120, -87.6480



198.9530, -90.0430, -25.6510



208.0400, 22.0000, 41.8400

Sweetspot

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



223.0410, 77.5890, -68.0670



245.1450, 23.6160, -20.5120



92.3340, 135.6120, 53.3400



121.8100, 14.6740, -12.6380



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.



223.0410, 77.5890, -68.0670



220.0600, 84.6050, -74.0750



196.9290, 12.5340, -95.0340



125.9310, 4.4480, -3.5200



165.1170, 63.2360, -55.7400



54.9430, 21.3690, -18.3350

Inverse Universe

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



52.9590, -77.5890, 68.0670



34.9400, -84.6050, 74.0750



79.0710, -12.5340, 95.0340



116.4820, -4.1730, 4.0430



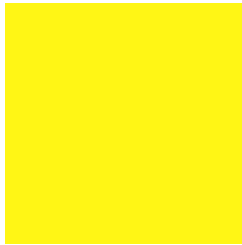
25.8830, -63.2360, 55.7400



8.4700, -21.0940, 18.8580

Previews

White Background



This preview shows how the YIQ color 223.0410, 77.5890, -68.0670 looks on a white background.

Color Contrast Check

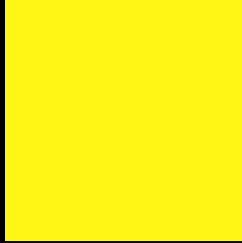
Large Text (above 18pt) WCAG AA × Fail

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 223.0410, 77.5890, -68.0670 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 223.0410, 77.5890, -68.0670

Background



This preview shows how black text looks on a background with the YIQ color 223.0410, 77.5890, -68.0670.



This preview shows how white text looks on a background with the YIQ color 223.0410, 77.5890, -68.0670.

-68.0670.

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

223.0410, 77.5890, -68.0670

Protanopia

237.6450, 28.2000, -15.4800

Deuteranopia

239.9880, 17.4690, -2.7150



Tritanopia

241.8920, 9.3520, 6.7280

Trichromacy



Original Color

223.0410, 77.5890, -68.0670



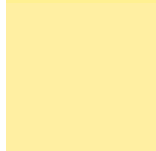
Protanomaly

232.2070, 46.2680, -34.5640



Deuteranomaly

233.6550, 39.4350, -26.3650



Tritanomaly

235.0060, 34.2530, -20.5550

Monochromacy



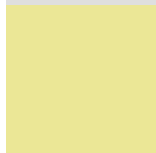
Original Color

223.0410, 77.5890, -68.0670



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

222.9620, 28.3850, -24.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.0410, 77.5890, -68.0670 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, 246, 21)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 21)  
}
```

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, 246, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 21) }
```

Border

The CSS property to change the border of an element to YIQ 223.0410, 77.5890, -68.0670 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, 246, 21) }
```


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

```
.border{ border-color:rgb(255, 246, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 21);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 223.0410, 77.5890, -68.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 21) }
```

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

```
.background{ background-color: rgb(255,  
246, 21) }
```

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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