

Converting Colors

YIQ(214.5760, 75.0650,
-55.3590)

Have a look what the booklet for
YIQ(214.5760, 75.0650, -55.3590)
contains.

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Color

**YIQ(214.5760, 75.0650,
-55.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE625
RGB	252, 230, 37
RGB Percent	99%, 90%, 15%
CMY	0.0118, 0.0981, 0.8544
CMYK	0.00, 0.09, 0.85, 0.01
HSL	54°, 97%, 57%
HSV	54°, 85%, 99%
XYZ	68.7684, 77.4147, 13.0777
YIQ	214.5760, 75.0650, -55.3590

Conversions

Conversions Part 2

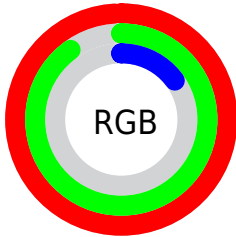
Format	Color
RYB	62, 252, 37
Decimal	16573989
CIELab	90.51, -10.23, 84.96
CIELCh	91, 85.578, 96.869
Yxy	77.4147, 0.4318, 0.4861
Android (android.graphics.Color)	4294764069 (0xFFFC625)
YUV	214.5760, -87.5450, 32.8208
Hunter-Lab	87.9856, -14.4615, 52.7774

Details

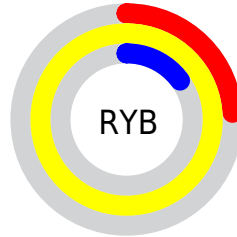
The YIQ color **214.5760, 75.0650, -55.3590** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **74.4240, -75.0650, 55.3590**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.7860, 48.4710, -46.9610**, and **159.8340, 65.7110, -51.0330** is the 20% darker color. If you saturate the color by 10%, you get **209.9650, 83.9150, -61.5650**, and if you desaturate by 10%, it is **219.1870, 66.2150, -49.1530**.

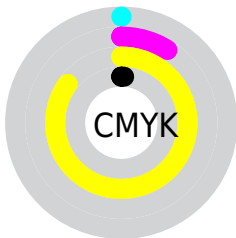
Distribution



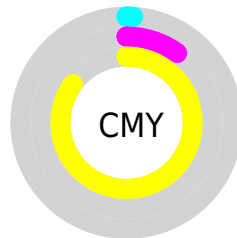
- Red (99%)
- Green (90%)
- Blue (15%)



- Red (24%)
- Yellow (99%)
- Blue (15%)



- Cyan (0%)
- Magenta (9%)
- Yellow (85%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.5760, 75.0650, -55.3590 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 214.5760, 75.0650, -55.3590 by changing the saturation by 10% instead.


 214.5760, 75.0650,
-55.3590


 214.5760, 75.0650,
-55.3590


255.0000, -0.0000,
-0.0000


 184.6530, 76.1660,
-58.7940


 237.9000, 48.1500,
-46.6500


 159.8340, 65.7110,
-51.0330


 241.2060, 38.8410,
-37.6310


 135.6020, 54.9810,
-43.7950

 244.5120, 29.5320,
-28.6120

 111.6690, 44.8470,
-36.3450

 247.9320, 19.9020,
-19.2820

 88.3230, 34.4380,
-29.4180

 251.3520, 10.2720,
-9.9520

 66.4500, 24.0750,
-23.3250

254.7720, 0.6420,

 45.7620, 14.6290,

-0.6220

-17.3310

■ 25.9600, 5.5040,
-11.6480

■ 2.3480, -1.1000,
-2.0920

■ 214.5760, 75.0650,
-55.3590

■ 214.5760, 75.0650,
-55.3590

■ 209.9650, 83.9150,
-61.5650


■ 219.1870, 66.2150,
-49.1530

■ 208.0100, 88.0420,
-64.7740


■ 223.3250, 57.3190,
-42.1130


■ 227.9360, 48.4690,
-35.9070

■ 231.9600, 39.8940,
-29.1780

 236.5710, 31.0440,
-22.9720

 240.5950, 22.4690,
-16.2430

 245.3200, 13.2980,
-9.7260

 249.9310, 4.4480,
-3.5200

 252.9290, -1.2380,
0.4100

Harmonies

Analogous

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



201.5110, 74.8310, -29.0810



214.5760, 75.0650, -55.3590



206.3620, 2.0300, -69.8580

Triad

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



214.5760, 75.0650, -55.3590



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.



214.5760, 75.0650, -55.3590



74.4240, -75.0650, 55.3590

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.



221.5410, 15.6750, 29.8110



214.5760, 75.0650, -55.3590



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.



214.5760, 75.0650, -55.3590



177.6150, -148.7700, -57.1700



182.0090, -110.8120, -29.2120



187.2890, 43.2280, 42.5880

Rectangle

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



214.5760, 75.0650, -55.3590



186.9730, -68.7140, -76.3140



182.0090, -110.8120, -29.2120



206.8660, 22.5500, 42.8860

Sweetspot

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



214.5760, 75.0650, -55.3590



243.3670, 23.1110, -16.8650



104.1350, 120.1150, 53.3550



120.5050, 14.2150, -9.8250



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.



214.5760, 75.0650, -55.3590



210.6680, 89.0050, -65.7070



202.9720, 20.1430, -84.2490



122.9310, 4.4480, -3.5200



155.7140, 66.1690, -48.3190



50.5240, 21.2310, -15.8330

Inverse Universe

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



74.4240, -75.0650, 55.3590



44.3320, -89.0050, 65.7070



86.0280, -20.1430, 84.2490



114.6560, -4.7230, 2.9970



32.6990, -65.8940, 48.8420



10.4760, -21.2310, 15.8330

Previews

White Background



This preview shows how the YIQ color 214.5760, 75.0650, -55.3590 looks on a white background.

Color Contrast Check

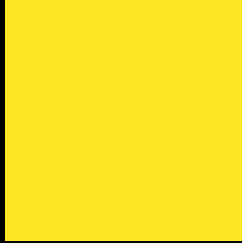
Large Text (above 18pt) WCAG AA × Fail

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 214.5760, 75.0650, -55.3590 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 214.5760, 75.0650, -55.3590

Background



This preview shows how black text looks on a background with the YIQ color 214.5760, 75.0650, -55.3590.



This preview shows how white text looks on a background with the YIQ color 214.5760, 75.0650, -55.3590.

-55.3590.

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

214.5760, 75.0650, -55.3590

Protanopia

218.1750, 66.4890, -43.1030

Deuteranopia

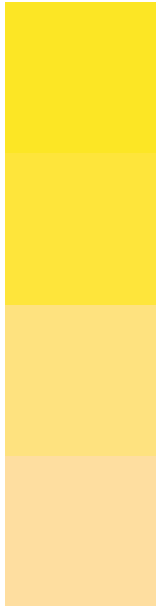
227.5520, 33.1960, -6.9000



Tritanopia

230.4310, 18.2000, 11.5760

Trichromacy



Original Color

214.5760, 75.0650, -55.3590

Protanomaly

217.0950, 69.4700, -47.5700

Deuteranomaly

223.0860, 48.4670, -24.8530

Tritanomaly

224.5000, 38.9740, -12.4980

Monochromacy



Original Color

214.5760, 75.0650, -55.3590

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.4120, 27.2380, -20.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.5760, 75.0650, -55.3590 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(252, 230, 37)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 37)  
}
```

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(252, 230, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 37) }
```

Border

The CSS property to change the border of an element to YIQ 214.5760, 75.0650, -55.3590 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(252, 230, 37) }
```


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

```
.border{ border-color:rgb(252, 230, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 37);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 214.5760, 75.0650, -55.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 37) }
```

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

```
.background{ background-color: rgb(252,  
230, 37) }
```

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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