

Converting Colors

YIQ(219.4510, 73.9190,
-56.6170)

Have a look what the booklet for
YIQ(219.4510, 73.9190, -56.6170)
contains.

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Color

**YIQ(219.4510, 73.9190,
-56.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEC29
RGB	255, 236, 41
RGB Percent	100%, 93%, 16%
CMY	0.0001, 0.0745, 0.8387
CMYK	0.00, 0.07, 0.84, 0.00
HSL	55°, 100%, 58%
HSV	55°, 84%, 100%
XYZ	71.6281, 81.4032, 14.0454
YIQ	219.4510, 73.9190, -56.6170

Conversions

Conversions Part 2

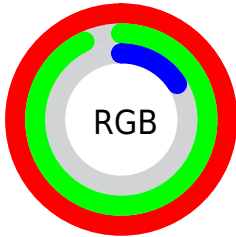
Format	Color
RYB	62, 255, 41
Decimal	16772137
CIELab	92.31, -11.85, 85.69
CIELCh	92, 86.504, 97.873
Yxy	81.4032, 0.4287, 0.4872
Android (android.graphics.Color)	4294962217 (0xFFFFEC29)
YUV	219.4510, -87.9763, 31.1765
Hunter-Lab	90.2237, -16.1814, 53.9268

Details

The YIQ color **219.4510, 73.9190, -56.6170** 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 **76.5490, -73.9190, 56.6170**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2420, 47.1870, -45.7170**, and **164.2530, 65.8490, -53.5350** is the 20% darker color. If you saturate the color by 10%, you get **215.4270, 82.4940, -63.3460**, and if you desaturate by 10%, it is **223.5890, 65.0230, -49.5770**.

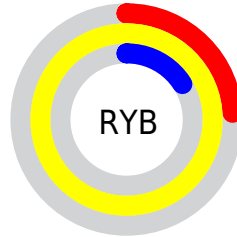
Distribution



Red (100%)

Green (93%)

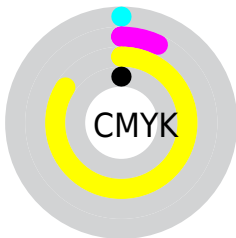
Blue (16%)



Red (24%)

Yellow (100%)

Blue (16%)

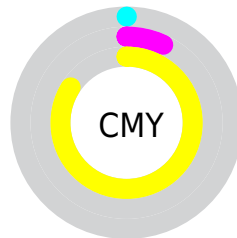


Cyan (0%)

Magenta (7%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.4510, 73.9190, -56.6170 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 219.4510, 73.9190, -56.6170 by changing the saturation by 10% instead.

219.4510, 73.9190,
-56.6170

219.4510, 73.9190,
-56.6170

255.0000, -0.0000,
-0.0000

189.0720, 76.3040,
-61.2960

238.2420, 47.1870,
-45.7170

164.2530, 65.8490,
-53.5350

241.5480, 37.8780,
-36.6980

139.4340, 55.3940,
-45.7740

244.9680, 28.2480,
-27.3680

115.5010, 45.2600,
-38.3240

248.2740, 18.9390,
-18.3490

92.7420, 34.5760,
-31.9200

251.6940, 9.3090,
-9.0190

70.2820, 24.4880,
-25.3040

48.7080, 14.7210,

-18.9990

■ 28.9060, 5.5960,
-13.3160

■ 8.8050, -4.1250,
-7.8450

■ 219.4510, 73.9190,
-56.6170

■ 219.4510, 73.9190,
-56.6170

■ 215.4270, 82.4940,
-63.3460

■ 223.5890, 65.0230,
-49.5770

■ 212.4290, 88.1800,
-67.2760

■ 228.2000, 56.1730,
-43.3710

■ 232.3380, 47.2770,
-36.3310

■ 236.3620, 38.7020,
-29.6020

■ 240.5000, 29.8060,
-22.5620

■ 245.1110, 20.9560,
-16.3560

■ 249.2490, 12.0600,
-9.3160

■ 253.2730, 3.4850,
-2.5870

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.



205.1470, 72.8600, -31.9080



219.4510, 73.9190, -56.6170



209.5790, -0.0790, -70.1830

Triad

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



219.4510, 73.9190, -56.6170



178.7550, -151.9800, -54.0600



202.7570, 24.4750, 46.5470

Complementary

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



219.4510, 73.9190, -56.6170



76.5490, -73.9190, 56.6170

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.



223.3020, 14.8500, 28.2420



219.4510, 73.9190, -56.6170



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.



219.4510, 73.9190, -56.6170



178.5270, -151.3380, -54.6820



190.9350, -98.8000, -26.6400



189.8650, 41.4860, 41.1180

Rectangle

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



219.4510, 73.9190, -56.6170



186.5750, -73.3450, -74.9850



190.9350, -98.8000, -26.6400



209.2140, 21.4500, 40.7940

Sweetspot

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



219.4510, 73.9190, -56.6170



244.1820, 22.1940, -16.7660



107.4940, 120.4820, 52.2100



121.2060, 13.6190, -10.0370



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.



219.4510, 73.9190, -56.6170



212.4290, 88.1800, -67.2760



204.8900, 17.4380, -84.7860



125.3440, 4.7230, -2.9970



159.2470, 65.9860, -50.5100



53.1820, 22.1940, -16.7660

Inverse Universe

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



76.5490, -73.9190, 56.6170



42.5710, -88.1800, 67.2760



91.1100, -17.4380, 84.7860



117.0690, -4.4480, 3.5200



31.7530, -65.9860, 50.5100



10.8180, -22.1940, 16.7660

Previews

White Background



This preview shows how the YIQ color 219.4510, 73.9190, -56.6170 looks on a white background.

Color Contrast Check

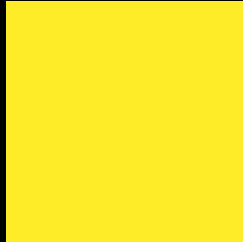
Large Text (above 18pt) WCAG AA × Fail

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 219.4510, 73.9190, -56.6170 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 219.4510, 73.9190, -56.6170

Background



This preview shows how black text looks on a background with the YIQ color 219.4510, 73.9190, -56.6170.



This preview shows how white text looks on a background with the YIQ color 219.4510, 73.9190, -56.6170.

-56.6170.

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

219.4510, 73.9190, -56.6170

Protanopia

227.8360, 46.1750, -27.3690

Deuteranopia

232.8980, 26.4100, -5.0620



Tritanopia

235.1100, 14.6700, 9.4700

Trichromacy



Original Color

219.4510, 73.9190, -56.6170



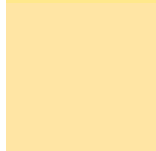
Protanomaly

224.7750, 56.1720, -37.8440



Deuteranomaly

228.2750, 43.5610, -24.0470



Tritanomaly

229.3640, 36.3610, -14.7030

Monochromacy



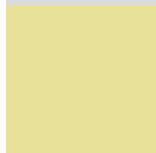
Original Color

219.4510, 73.9190, -56.6170



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

218.9990, 26.9630, -20.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.4510, 73.9190, -56.6170 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, 236, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 41)  
}
```

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, 236, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 41) }
```

Border

The CSS property to change the border of an element to YIQ 219.4510, 73.9190, -56.6170 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, 236, 41) }
```


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

```
.border{ border-color:rgb(255, 236, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4510, 73.9190, -56.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 41) }
```

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

```
.background{ background-color: rgb(255,  
236, 41) }
```

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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