

Converting Colors

YIQ(218.6530, 76.1660,
-58.7940)

Have a look what the booklet for
YIQ(218.6530, 76.1660, -58.7940)
contains.

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Color

**YIQ(218.6530, 76.1660,
-58.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEC22
RGB	255, 236, 34
RGB Percent	100%, 93%, 13%
CMY	0.0001, 0.0745, 0.8662
CMYK	0.00, 0.07, 0.87, 0.00
HSL	55°, 100%, 57%
HSV	55°, 87%, 100%
XYZ	71.5159, 81.3583, 13.4567
YIQ	218.6530, 76.1660, -58.7940

Conversions

Conversions Part 2

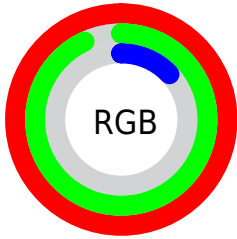
Format	Color
RYB	55, 255, 34
Decimal	16772130
CIELab	92.29, -12.00, 87.09
CIELCh	92, 87.909, 97.847
Yxy	81.3583, 0.4300, 0.4891
Android (android.graphics.Color)	4294962210 (0xFFFFEC22)
YUV	218.6530, -91.0339, 31.8763
Hunter-Lab	90.1988, -16.3208, 54.2938

Details

The YIQ color **218.6530, 76.1660, -58.7940** 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 **70.3470, -76.1660, 58.7940**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **237.7860, 48.4710, -46.9610**, and **164.2530, 65.8490, -53.5350** is the 20% darker color. If you saturate the color by 10%, you get **214.6290, 84.7410, -65.5230**, and if you desaturate by 10%, it is **222.7910, 67.2700, -51.7540**.

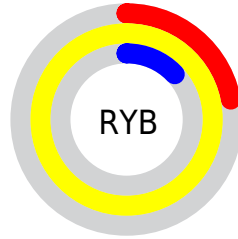
Distribution



Red (100%)

Green (93%)

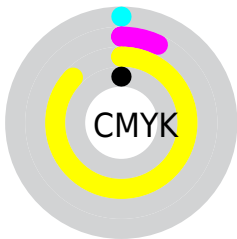
Blue (13%)



Red (22%)

Yellow (100%)

Blue (13%)

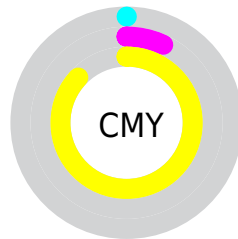


Cyan (0%)

Magenta (7%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.6530, 76.1660, -58.7940 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 218.6530, 76.1660, -58.7940 by changing the saturation by 10% instead.

218.6530, 76.1660,
-58.7940

218.6530, 76.1660,
-58.7940

255.0000, -0.0000,
-0.0000

189.0720, 76.3040,
-61.2960

237.7860, 48.4710,
-46.9610

164.2530, 65.8490,
-53.5350

241.2060, 38.8410,
-37.6310

139.4340, 55.3940,
-45.7740

244.5120, 29.5320,
-28.6120

115.2020, 44.6640,
-38.5360

247.9320, 19.9020,
-19.2820

92.4430, 33.9800,
-32.1320

251.3520, 10.2720,
-9.9520

69.9830, 23.8920,
-25.5160

254.7720, 0.6420,

48.7080, 14.7210,

-0.6220

-18.9990

■ 28.9060, 5.5960,
-13.3160

■ 8.8050, -4.1250,
-7.8450

■ 218.6530, 76.1660,
-58.7940

■ 218.6530, 76.1660,
-58.7940

■ 214.6290, 84.7410,
-65.5230

■ 222.7910, 67.2700,
-51.7540

■ 213.0160, 87.9050,
-67.7990

■ 226.8150, 58.6950,
-45.0250

■ 231.5400, 49.5240,
-38.5080

■ 235.5640, 40.9490,
-31.7790

■ 239.7020, 32.0530,
-24.7390

■ 243.7260, 23.4780,
-18.0100

■ 247.8640, 14.5820,
-10.9700

■ 252.4750, 5.7320,
-4.7640

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.



204.1040, 74.4190, -32.6290



218.6530, 76.1660, -58.7940



208.6390, -0.3080, -71.5400

Triad

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



218.6530, 76.1660, -58.7940



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.



218.6530, 76.1660, -58.7940



70.3470, -76.1660, 58.7940

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



218.6530, 76.1660, -58.7940



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.



218.6530, 76.1660, -58.7940



178.5270, -151.3380, -54.6820



187.9450, -104.7600, -28.7600



188.6910, 42.0360, 42.1640

Rectangle

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



218.6530, 76.1660, -58.7940



184.5530, -76.2790, -76.8790



187.9450, -104.7600, -28.7600



208.0400, 22.0000, 41.8400

Sweetspot

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



218.6530, 76.1660, -58.7940



243.9540, 22.8360, -17.3880



102.5870, 124.6540, 53.6940



121.0920, 13.9400, -10.3480



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.



218.6530, 76.1660, -58.7940



213.0160, 87.9050, -67.7990



203.4940, 18.4930, -87.3870



125.3440, 4.7230, -2.9970



159.8340, 65.7110, -51.0330



53.1820, 22.1940, -16.7660

Inverse Universe

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



70.3470, -76.1660, 58.7940



41.9840, -87.9050, 67.7990



85.5060, -18.4930, 87.3870



117.0690, -4.4480, 3.5200



31.1660, -65.7110, 51.0330



10.2310, -21.9190, 17.2890

Previews

White Background



This preview shows how the YIQ color 218.6530, 76.1660, -58.7940 looks on a white background.

Color Contrast Check

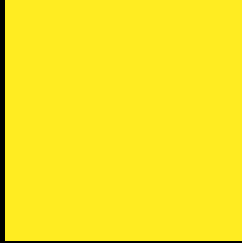
Large Text (above 18pt) WCAG AA × Fail

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 218.6530, 76.1660, -58.7940 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 218.6530, 76.1660, -58.7940

Background



This preview shows how black text looks on a background with the YIQ color 218.6530, 76.1660, -58.7940.



This preview shows how white text looks on a background with the YIQ color 218.6530, 76.1660, -58.7940.

-58.7940.

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

218.6530, 76.1660, -58.7940

Protanopia

227.7220, 46.4960, -27.6800

Deuteranopia

232.8980, 26.4100, -5.0620



Tritanopia

235.1100, 14.6700, 9.4700

Trichromacy



Original Color

218.6530, 76.1660, -58.7940



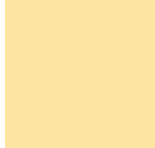
Protanomaly

224.3190, 57.4560, -39.0880



Deuteranomaly

227.9330, 44.5240, -24.9800



Tritanomaly

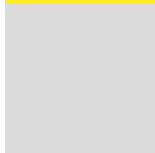
229.1360, 37.0030, -15.3250

Monochromacy



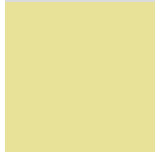
Original Color

218.6530, 76.1660, -58.7940



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

218.7710, 27.6050, -21.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.6530, 76.1660, -58.7940 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, 34)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 34)  
}
```

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, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 34) }
```

Border

The CSS property to change the border of an element to YIQ 218.6530, 76.1660, -58.7940 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, 34) }
```


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

```
.border{ border-color:rgb(255, 236, 34) }
```

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, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 34);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 218.6530, 76.1660, -58.7940 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, 34) }
```

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

```
.background{ background-color: rgb(255,  
236, 34) }
```

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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