

Converting Colors

YIQ(227.2670, 54.0660,
-54.7500)

Have a look what the booklet for
YIQ(227.2670, 54.0660, -54.7500)
contains.

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Color

**YIQ(227.2670, 54.0660,
-54.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F84A
RGB	245, 248, 74
RGB Percent	96%, 97%, 29%
CMY	0.0393, 0.0274, 0.7094
CMYK	0.01, 0.00, 0.70, 0.03
HSL	61°, 93%, 63%
HSV	61°, 70%, 97%
XYZ	72.4526, 87.0381, 19.4757
YIQ	227.2670, 54.0660, -54.7500

Conversions

Conversions Part 2

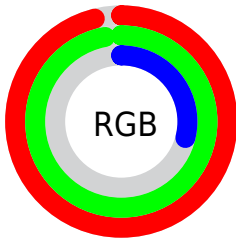
Format	Color
RYB	74, 248, 77
Decimal	16119882
CIELab	94.75, -20.64, 78.27
CIELCh	95, 80.945, 104.775
Yxy	87.0381, 0.4048, 0.4863
Android (android.graphics.Color)	4294309962 (0xFFFF5F84A)
YUV	227.2670, -75.5606, 15.5518
Hunter-Lab	93.2942, -24.6411, 52.9288

Details

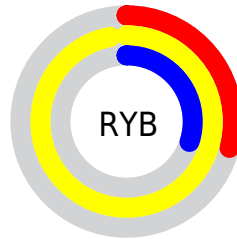
The YIQ color **227.2670, 54.0660, -54.7500** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **94.7330, -54.0660, 54.7500**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0920, 39.1620, -37.9420**, and **168.0190, 57.4600, -61.1960** is the 20% darker color. If you saturate the color by 10%, you get **224.4170, 62.0910, -62.5250**, and if you desaturate by 10%, it is **230.1170, 46.0410, -46.9750**.

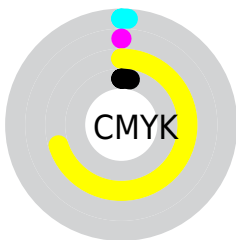
Distribution



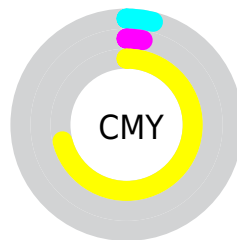
- Red (96%)
- Green (97%)
- Blue (29%)



- Red (29%)
- Yellow (97%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.2670, 54.0660, -54.7500 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 227.2670, 54.0660, -54.7500 by changing the saturation by 10% instead.

227.2670, 54.0660,
-54.7500

227.2670, 54.0660,
-54.7500

255.0000, -0.0000,
-0.0000

197.9850, 54.8000,
-57.0400

241.0920, 39.1620,
-37.9420

168.0190, 57.4600,
-61.1960

244.3980, 29.8530,
-28.9230

143.4990, 47.6010,
-53.2230

247.7040, 20.5440,
-19.9040

119.5660, 37.4670,
-45.7730

251.0100, 11.2350,
-10.8850

95.9320, 27.9290,
-38.1110

254.4300, 1.6050,
-1.5550

73.4720, 17.8410,
-31.4950

51.8980, 8.0740,

-25.1900

■ 30.6230, -1.0970,
-18.6730

■ 14.6750, -6.8750,
-13.0750

■ 227.2670, 54.0660,
-54.7500

■ 227.2670, 54.0660,
-54.7500

■ 224.4170, 62.0910,
-62.5250

■ 230.1170, 46.0410,
-46.9750

■ 221.2680, 69.5200,
-70.5120

■ 233.2660, 38.6120,
-38.9880

■ 218.5320, 77.2240,
-77.9760

■ 236.0020, 30.9080,
-31.5240

■ 239.1510, 23.4790,
-23.5370

242.0010, 15.4540,
-15.7620

245.1500, 8.0250,
-7.7750

248.0000, -0.0000,
-0.0000

248.7980, -2.2470,
2.1770

249.0970, -1.6510,
2.3890

Harmonies

Analogous

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



215.7930, 64.9290, -36.8550



227.2670, 54.0660, -54.7500



210.2370, -16.3110, -62.3510

Triad

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



227.2670, 54.0660, -54.7500



178.7550, -151.9800, -54.0600



207.4530, 22.2750, 42.3630

Complementary

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



227.2670, 54.0660, -54.7500



94.7330, -54.0660, 54.7500

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.



224.4760, 14.3000, 27.1960



227.2670, 54.0660, -54.7500



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.



227.2670, 54.0660, -54.7500



178.7550, -151.9800, -54.0600



216.6490, -47.5440, -8.4080



198.7040, 40.0210, 29.1170

Rectangle

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



227.2670, 54.0660, -54.7500



183.1180, -96.6830, -70.5310



216.6490, -47.5440, -8.4080



212.1490, 20.0750, 38.1790

Sweetspot

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



227.2670, 54.0660, -54.7500



248.5450, 16.7380, -17.0060



127.7870, 102.8790, 35.3190



124.0530, 9.6760, -10.1640



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.



227.2670, 54.0660, -54.7500



229.4080, 66.3100, -67.4020



201.2540, 2.2140, -73.1940



123.5180, 4.1730, -4.0430



166.2580, 58.2850, -59.6270



53.7470, 18.9850, -19.1830

Inverse Universe

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



94.7330, -54.0660, 54.7500



66.5920, -66.3100, 67.4020



120.7460, -2.2140, 73.1940



113.7810, -3.5770, 4.2550



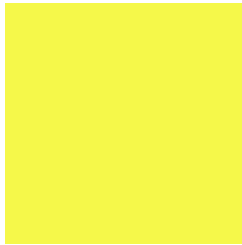
22.4430, -58.8810, 59.4150



7.2530, -18.9850, 19.1830

Previews

White Background



This preview shows how the YIQ color 227.2670, 54.0660, -54.7500 looks on a white background.

Color Contrast Check

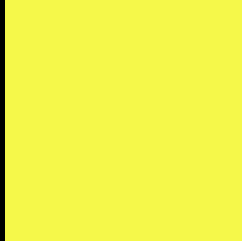
Large Text (above 18pt) WCAG AA × Fail

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 227.2670, 54.0660, -54.7500 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 227.2670, 54.0660, -54.7500

Background



This preview shows how black text looks on a background with the YIQ color 227.2670, 54.0660, -54.7500.



This preview shows how white text looks on a background with the YIQ color 227.2670, 54.0660,

-54.7500.

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

227.2670, 54.0660, -54.7500

Protanopia

237.5310, 28.5210, -15.7910

Deuteranopia

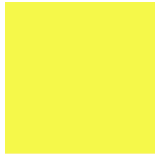
239.8740, 17.7900, -3.0260



Tritanopia

241.7610, 8.3430, 8.4950

Trichromacy



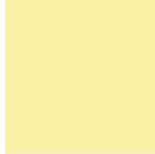
Original Color

227.2670, 54.0660, -54.7500



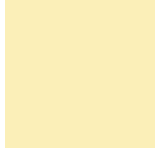
Protanomaly

233.7640, 37.5100, -30.0260



Deuteranomaly

235.2120, 30.6770, -21.8270



Tritanomaly

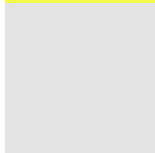
236.3180, 24.8070, -14.5610

Monochromacy



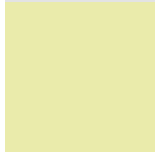
Original Color

227.2670, 54.0660, -54.7500



Achromatopsia

227.0000, -0.0000, -0.0000



Achromatomaly

227.4050, 19.9480, -20.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.2670, 54.0660, -54.7500 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(245, 248, 74)` looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 74)  
}
```

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(245, 248, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 74) }
```

Border

The CSS property to change the border of an element to YIQ 227.2670, 54.0660, -54.7500 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(245, 248, 74) }
```


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

```
.border{ border-color:rgb(245, 248, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 248, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 74);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 227.2670, 54.0660, -54.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 74) }
```

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

```
.background{ background-color: rgb(245,  
248, 74) }
```

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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