

Converting Colors

YIQ(223.4580, 64.0140,
-47.8100)

Have a look what the booklet for
YIQ(223.4580, 64.0140, -47.8100)
contains.

YIQ(223.4580, 64.0140, -47.8100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(223.4580, 64.0140,
-47.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	FFED47
RGB	255, 237, 71
RGB Percent	100%, 93%, 28%
CMY	0.0001, 0.0706, 0.7212
CMYK	0.00, 0.07, 0.72, 0.00
HSL	54°, 100%, 64%
HSV	54°, 72%, 100%
XYZ	72.6567, 82.2770, 18.0293
YIQ	223.4580, 64.0140, -47.8100

Conversions

Conversions Part 2

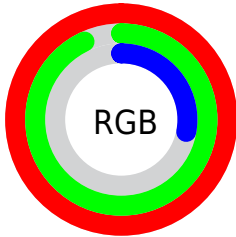
Format	Color
R _Y B	91, 255, 71
Decimal	16772423
CIE Lab	92.70, -11.35, 77.58
CIE LCh	93, 78.408, 98.321
Yxy	82.2770, 0.4201, 0.4757
Android (android.graphics.Color)	4294962503 (0xFFFFE47)
YUV	223.4580, -75.1618, 27.6623
Hunter-Lab	90.7067, -15.7569, 51.7099

Details

The YIQ color **223.4580, 64.0140, -47.8100** 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 **102.5420, -64.0140, 47.8100**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7500, 40.1250, -38.8750**, and **164.2530, 65.8490, -53.5350** is the 20% darker color. If you saturate the color by 10%, you get **219.4340, 72.5890, -54.5390**, and if you desaturate by 10%, it is **227.5960, 55.1180, -40.7700**.

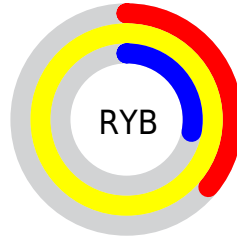
Distribution



Red (100%)

Green (93%)

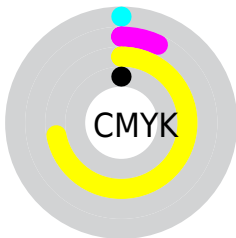
Blue (28%)



Red (36%)

Yellow (100%)

Blue (28%)

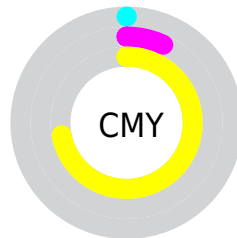


Cyan (0%)

Magenta (7%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.4580, 64.0140, -47.8100 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 223.4580, 64.0140, -47.8100 by changing the saturation by 10% instead.

223.4580, 64.0140,
-47.8100

223.4580, 64.0140,
-47.8100

255.0000, -0.0000,
-0.0000

193.8770, 64.1520,
-50.3120

240.7500, 40.1250,
-38.8750

164.2530, 65.8490,
-53.5350

243.9420, 31.1370,
-30.1670

140.3200, 55.7150,
-46.0850

247.2480, 21.8280,
-21.1480

116.3870, 45.5810,
-38.6350

250.6680, 12.1980,
-11.8180

93.3400, 35.7680,
-31.4960

253.9740, 2.8890,
-2.7990

70.5810, 25.0840,
-25.0920

49.8930, 15.6380,

-19.0980

■ 29.5040, 6.7880,
-12.8920

■ 9.9790, -4.6750,
-8.8910

■ 223.4580, 64.0140,
-47.8100

■ 223.4580, 64.0140,
-47.8100

■ 219.4340, 72.5890,
-54.5390

■ 227.5960, 55.1180,
-40.7700

■ 214.7090, 81.7600,
-61.0560

■ 232.2070, 46.2680,
-34.5640

■ 211.2550, 88.7300,
-66.2300

■ 236.3450, 37.3720,
-27.5240

■ 240.9560, 28.5220,
-21.3180

■ 245.0940, 19.6260,
-14.2780

■ 249.7050, 10.7760,
-8.0720

■ 253.8430, 1.8800,
-1.0320

■ 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.



209.6610, 65.6610, -28.0910



223.4580, 64.0140, -47.8100



214.0230, -1.0890, -62.8890

Triad

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



223.4580, 64.0140, -47.8100



178.7550, -151.9800, -54.0600



208.6270, 21.7250, 41.3170

Complementary

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



223.4580, 64.0140, -47.8100



102.5420, -64.0140, 47.8100

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.



225.6500, 13.7500, 26.1500



223.4580, 64.0140, -47.8100



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.



223.4580, 64.0140, -47.8100



178.6410, -151.6590, -54.3710



203.4930, -73.7680, -17.7360



197.7240, 37.2690, 34.9410

Rectangle

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



223.4580, 64.0140, -47.8100



196.2010, -60.1880, -65.6280



203.4930, -73.7680, -17.7360



213.3230, 19.5250, 37.1330

Sweetspot

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



223.4580, 64.0140, -47.8100



245.6810, 19.3510, -14.8010



128.0680, 103.8860, 44.6060



121.7760, 12.0140, -8.4820



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.



223.4580, 64.0140, -47.8100



216.7780, 77.3120, -57.5360



211.8980, 14.9600, -72.9120



125.3440, 4.7230, -2.9970



158.6600, 66.2610, -49.9870



53.1820, 22.1940, -16.7660

Inverse Universe

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



102.5420, -64.0140, 47.8100



71.2220, -77.3120, 57.5360



114.1020, -14.9600, 72.9120



117.0690, -4.4480, 3.5200



32.9270, -66.5360, 49.4640



10.8180, -22.1940, 16.7660

Previews

White Background



This preview shows how the YIQ color 223.4580, 64.0140, -47.8100 looks on a white background.

Color Contrast Check

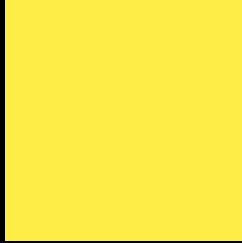
Large Text (above 18pt) WCAG AA × Fail

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 223.4580, 64.0140, -47.8100 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 223.4580, 64.0140, -47.8100

Background



This preview shows how black text looks on a background with the YIQ color 223.4580, 64.0140, -47.8100.



This preview shows how white text looks on a background with the YIQ color 223.4580, 64.0140, -47.8100.

-47.8100.

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

223.4580, 64.0140, -47.8100

Protanopia

229.5630, 42.6900, -24.7820

Deuteranopia

233.9410, 24.8510, -4.3410



Tritanopia

236.5120, 13.4780, 9.0460

Trichromacy



Original Color

223.4580, 64.0140, -47.8100



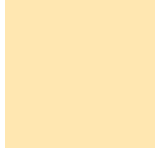
Protanomaly

227.3000, 50.4400, -33.0800



Deuteranomaly

230.3440, 39.1130, -20.5270



Tritanomaly

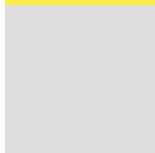
232.0200, 31.6380, -11.7060

Monochromacy



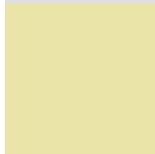
Original Color

223.4580, 64.0140, -47.8100



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.2530, 23.4320, -17.1760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.4580, 64.0140, -47.8100 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, 237, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 71)  
}
```

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, 237, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 71) }
```

Border

The CSS property to change the border of an element to YIQ 223.4580, 64.0140, -47.8100 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, 237, 71) }
```


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

```
.border{ border-color:rgb(255, 237, 71) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 223.4580, 64.0140, -47.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 71) }
```

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

```
.background{ background-color: rgb(255,  
237, 71) }
```

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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