

Converting Colors

YIQ(194.0140, 21.4660,
-47.6380)

Have a look what the booklet for
YIQ(194.0140, 21.4660, -47.6380)
contains.

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Color

**YIQ(194.0140, 21.4660,
-47.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DB59
RGB	185, 219, 89
RGB Percent	73%, 86%, 35%
CMY	0.2747, 0.1411, 0.6508
CMYK	0.16, 0.00, 0.59, 0.14
HSL	76°, 64%, 60%
HSV	76°, 59%, 86%
XYZ	47.1379, 61.7015, 18.8868
YIQ	194.0140, 21.4660, -47.6380

Conversions

Conversions Part 2

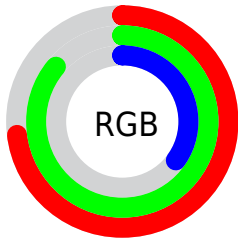
Format	Color
RYB	89, 219, 123
Decimal	12180313
CIELab	82.75, -29.89, 58.73
CIELCh	83, 65.896, 116.976
Yxy	61.7015, 0.3691, 0.4831
Android (android.graphics.Color)	4290370393 (0xFFB9DB59)
YUV	194.0140, -51.7719, -7.9053
Hunter-Lab	78.5503, -30.3454, 40.7294

Details

The YIQ color $194.0140, 21.4660, -47.6380$ is a light color, and the websafe version is hex $99CC33$. The color can be described as light muted chartreuse. A complement of this color would be $113.9860, -21.4660, 47.6380$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $238.6440, 28.8000, -37.3760$, and $138.4870, 21.5120, -48.4720$ is the 20% darker color. If you saturate the color by 10%, you get $189.7120, 24.9520, -55.7520$, and if you desaturate by 10%, it is $198.3160, 17.9800, -39.5240$.

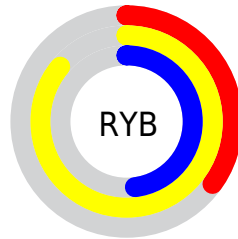
Distribution



Red (73%)

Green (86%)

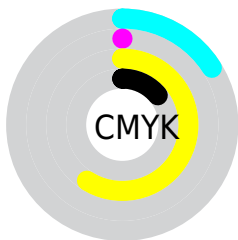
Blue (35%)



Red (35%)

Yellow (86%)

Blue (48%)

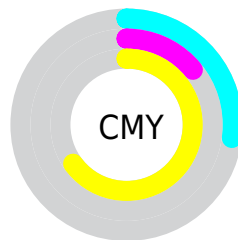


Cyan (16%)

Magenta (0%)

Yellow (59%)

Black (14%)



Cyan (27%)

Magenta (14%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0140, 21.4660, -47.6380 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 194.0140, 21.4660, -47.6380 by changing the saturation by 10% instead.

■ 194.0140, 21.4660,
-47.6380

■ 194.0140, 21.4660,
-47.6380

255.0000, -0.0000,
-0.0000

■ 166.1280, 21.1450,
-47.3270

■ 238.6440, 28.8000,
-37.3760

■ 138.4870, 21.5120,
-48.4720

■ 245.4240, 26.9640,
-26.1240

■ 111.5040, 22.8420,
-50.5500

■ 248.7300, 17.6550,
-17.1050

■ 88.1690, 13.9000,
-42.6760

■ 251.9220, 8.6670,
-8.3970

■ 65.7200, 5.2790,
-35.1130

■ 42.9500, -6.8720,
-29.6560

■ 24.0670, -11.2750,

-21.4430

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 194.0140, 21.4660,
-47.6380

■ 194.0140, 21.4660,
-47.6380

■ 189.7120, 24.9520,
-55.7520

■ 198.3160, 17.9800,
-39.5240

■ 185.4100, 28.4380,
-63.8660

■ 202.3190, 13.8980,
-31.6220

■ 181.4070, 32.5200,
-71.7680

■ 206.6210, 10.4120,
-23.5080

■ 177.1050, 36.0060,
-79.8820

■ 210.9230, 6.9260,
-15.3940

■ 176.9910, 36.3270,
-80.1930

■ 215.2250, 3.4400,
-7.2800

■ 219.1140, -0.3210,
0.3110

■ 223.4160, -3.8070,
8.4250

■ 226.6920, -4.4040,
13.7400

■ 228.4860, -0.8280,
15.0120

Harmonies

Analogous

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



200.2050, 66.9450, -29.3350



194.0140, 21.4660, -47.6380



182.1970, -45.1970, -56.4690

Triad

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



194.0140, 21.4660, -47.6380



163.4930, -144.8300, -40.4620



189.9790, 41.1650, 41.4290

Complementary

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



194.0140, 21.4660, -47.6380



113.9860, -21.4660, 47.6380

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.



203.3440, 24.2000, 46.0240



194.0140, 21.4660, -47.6380



164.2450, -123.1000, -26.7800

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194.0140, 21.4660, -47.6380



167.6020, -146.7550, -44.1230



200.9760, -16.6470, 20.8650



185.8460, 59.6920, 19.5320

Rectangle

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



194.0140, 21.4660, -47.6380



158.0090, -121.1210, -68.1690



200.9760, -16.6470, 20.8650



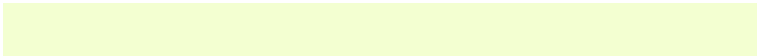
194.1340, 33.5990, 46.3910

Sweetspot

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



194.0140, 21.4660, -47.6380



246.1680, 7.6140, -16.8500



147.2410, 68.4050, 10.3010



122.3020, 4.5410, -10.7150



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.



194.0140, 21.4660, -47.6380



220.3130, 30.0890, -66.2550



175.1770, -16.0820, -60.9940



107.8490, 1.7430, -4.0570



139.8230, 28.7130, -63.3430



37.1680, 7.6140, -16.8500

Inverse Universe

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



113.9860, -21.4660, 47.6380



108.6870, -30.0890, 66.2550



133.1220, 16.6780, 61.2060



101.1510, -1.7430, 4.0570



33.1770, -28.7130, 63.3430



8.8320, -7.6140, 16.8500

Previews

White Background



This preview shows how the YIQ color 194.0140, 21.4660, -47.6380 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 194.0140, 21.4660, -47.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

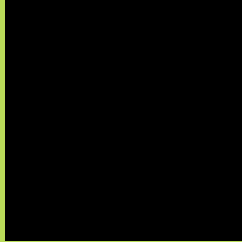
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 194.0140, 21.4660, -47.6380

Background



This preview shows how black text looks on a background with the YIQ color 194.0140, 21.4660, -47.6380.



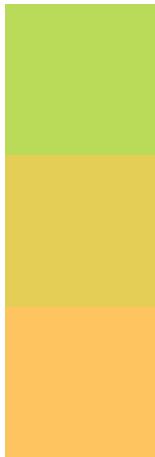
This preview shows how white text looks on a background with the YIQ color 194.0140, 21.4660,

-47.6380.

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

194.0140, 21.4660, -47.6380

Protanopia

199.0830, 52.5490, -32.7550

Deuteranopia

201.9420, 66.6680, -18.8040



Tritanopia

205.4430, -8.4370, 4.2270

Trichromacy



Original Color

194.0140, 21.4660, -47.6380

Protanomaly

197.3480, 41.3170, -38.4510

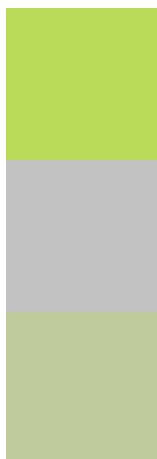
Deuteranomaly

198.8210, 50.5310, -29.2210

Tritanomaly

201.4110, 2.6160, -14.3760

Monochromacy



Original Color

194.0140, 21.4660, -47.6380

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0540, 7.9350, -17.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.0140, 21.4660, -47.6380 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(185, 219, 89)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 89)  
}
```

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(185, 219, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 89) }
```

Border

The CSS property to change the border of an element to YIQ 194.0140, 21.4660, -47.6380 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(185, 219, 89) }
```


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

```
.border{ border-color:rgb(185, 219, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 219, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 219, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 219, 89);  
box-shadow:4px 4px 4px 4px rgb(185, 219,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 194.0140, 21.4660, -47.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 89) }
```

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

```
.background{ background-color: rgb(185,  
219, 89) }
```

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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