

Converting Colors

YIQ(219.1870, 66.2150,
-49.1530)

Have a look what the booklet for
YIQ(219.1870, 66.2150, -49.1530)
contains.

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Color

**YIQ(219.1870, 66.2150,
-49.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE93E
RGB	252, 233, 62
RGB Percent	99%, 91%, 24%
CMY	0.0118, 0.0863, 0.7564
CMYK	0.00, 0.08, 0.75, 0.01
HSL	54°, 97%, 62%
HSV	54°, 75%, 99%
XYZ	70.1480, 79.3145, 16.1840
YIQ	219.1870, 66.2150, -49.1530

Conversions

Conversions Part 2

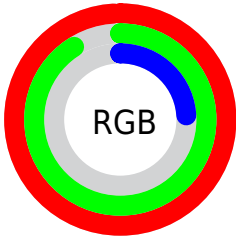
Format	Color
R_{YB}	83, 252, 62
Decimal	16574782
CIE _{Lab}	91.38, -10.98, 79.19
CIE _{LCh}	91, 79.946, 97.893
Yxy	79.3145, 0.4235, 0.4788
Android (android.graphics.Color)	4294764862 (0xFFFC93E)
YUV	219.1870, -77.4932, 28.7770
Hunter-Lab	89.0587, -15.2553, 51.5667

Details

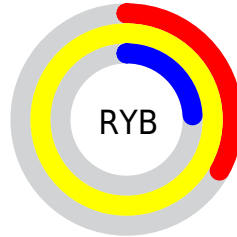
The YIQ color **219.1870, 66.2150, -49.1530** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **94.8130, -66.2150, 49.1530**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8380, 42.6930, -41.3630**, and **161.5950, 64.8860, -52.6020** is the 20% darker color. If you saturate the color by 10%, you get **214.5760, 75.0650, -55.3590**, and if you desaturate by 10%, it is **223.7980, 57.3650, -42.9470**.

Distribution



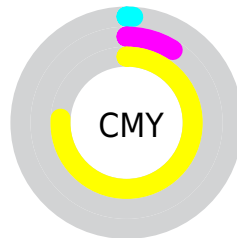
- Red (99%)
- Green (91%)
- Blue (24%)



- Red (33%)
- Yellow (99%)
- Blue (24%)



- Cyan (0%)
- Magenta (8%)
- Yellow (75%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.1870, 66.2150, -49.1530 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 219.1870, 66.2150, -49.1530 by changing the saturation by 10% instead.

219.1870, 66.2150,
-49.1530

219.1870, 66.2150,
-49.1530

255.0000, -0.0000,
-0.0000

189.0360, 67.9580,
-53.2100

239.8380, 42.6930,
-41.3630

161.5950, 64.8860,
-52.6020

243.1440, 33.3840,
-32.3440

137.0750, 55.0270,
-44.6290

246.4500, 24.0750,
-23.3250

113.7290, 44.6180,
-37.7020

249.7560, 14.7660,
-14.3060

90.3830, 34.2090,
-30.7750

253.1760, 5.1360,
-4.9760

67.9230, 24.1210,
-24.1590

47.2350, 14.6750,

-18.1650

■ 27.4330, 5.5500,
-12.4820

■ 5.2830, -2.4750,
-4.7070

■ 219.1870, 66.2150,
-49.1530

■ 219.1870, 66.2150,
-49.1530

■ 214.5760, 75.0650,
-55.3590

■ 223.7980, 57.3650,
-42.9470

■ 210.5520, 83.6400,
-62.0880

■ 227.9360, 48.4690,
-35.9070

■ 208.5970, 87.7670,
-65.2970

■ 232.5470, 39.6190,
-29.7010

■ 236.5710, 31.0440,
-22.9720

241.1820, 22.1940,
-16.7660

245.2060, 13.6190,
-10.0370

249.8170, 4.7690,
-3.8310

252.9290, -1.2380,
0.4100

254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



206.0420, 68.9620, -27.3420



219.1870, 66.2150, -49.1530



210.2680, -0.4010, -64.3450

Triad

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



219.1870, 66.2150, -49.1530



178.7550, -151.9800, -54.0600



205.1050, 23.3750, 44.4550

Complementary

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



219.1870, 66.2150, -49.1530



94.8130, -66.2150, 49.1530

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



219.1870, 66.2150, -49.1530



178.1680, -151.7050, -53.5370

Square

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



219.1870, 66.2150, -49.1530



178.0710, -150.0540, -55.9260



197.5460, -81.2870, -19.1350



193.8600, 39.8820, 37.1460

Rectangle

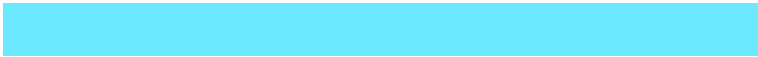
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.1870, 66.2150, -49.1530



193.4240, -62.4340, -68.9780



197.5460, -81.2870, -19.1350



210.9750, 20.6250, 39.2250

Sweetspot

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



219.1870, 66.2150, -49.1530



244.7520, 20.5890, -15.2110



120.9760, 107.1410, 46.1890



121.5480, 12.6560, -9.1040



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.



219.1870, 66.2150, -49.1530



215.2790, 80.1550, -59.5010



207.6160, 15.6940, -75.2020



122.9310, 4.4480, -3.5200



156.3010, 65.8940, -48.8420



50.5240, 21.2310, -15.8330

Inverse Universe

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



94.8130, -66.2150, 49.1530



64.7210, -80.1550, 59.5010



106.3840, -15.6940, 75.2020



114.6560, -4.7230, 2.9970



32.6990, -65.8940, 48.8420



10.4760, -21.2310, 15.8330

Previews

White Background



This preview shows how the YIQ color 219.1870, 66.2150, -49.1530 looks on a white background.

Color Contrast Check

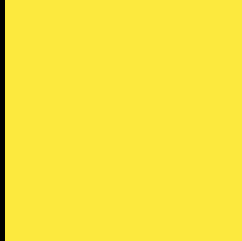
Large Text (above 18pt) WCAG AA × Fail

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 219.1870, 66.2150, -49.1530 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 219.1870, 66.2150, -49.1530

Background



This preview shows how black text looks on a background with the YIQ color 219.1870, 66.2150, -49.1530.



This preview shows how white text looks on a background with the YIQ color 219.1870, 66.2150,

-49.1530.

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

219.1870, 66.2150, -49.1530

Protanopia

223.8120, 54.7500, -34.0980

Deuteranopia

230.2250, 29.8030, -5.9810



Tritanopia

232.5340, 16.4120, 10.9400

Trichromacy



Original Color

219.1870, 66.2150, -49.1530

Protanomaly

222.2760, 59.0150, -39.8090

Deuteranomaly

226.5570, 42.8270, -21.7570

Tritanomaly

227.5150, 34.6180, -10.6460

Monochromacy



Original Color

219.1870, 66.2150, -49.1530

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.0250, 24.0740, -17.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.1870, 66.2150, -49.1530 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(252, 233, 62)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 62)  
}
```

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(252, 233, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 62) }
```

Border

The CSS property to change the border of an element to YIQ 219.1870, 66.2150, -49.1530 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(252, 233, 62) }
```


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

```
.border{ border-color:rgb(252, 233, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 62);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 219.1870, 66.2150, -49.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 62) }
```

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

```
.background{ background-color: rgb(252,  
233, 62) }
```

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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