

Converting Colors

YIQ(220.1860, 49.6200,
-62.2840)

Have a look what the booklet for
YIQ(220.1860, 49.6200, -62.2840)
contains.

YIQ(220.1860, 49.6200, -62.2840)	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(220.1860, 49.6200,
-62.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F73B
RGB	229, 247, 59
RGB Percent	90%, 97%, 23%
CMY	0.1021, 0.0313, 0.7683
CMYK	0.07, 0.00, 0.76, 0.03
HSL	66°, 92%, 60%
HSV	66°, 76%, 97%
XYZ	66.3547, 83.4938, 16.7682
YIQ	220.1860, 49.6200, -62.2840

Conversions

Conversions Part 2

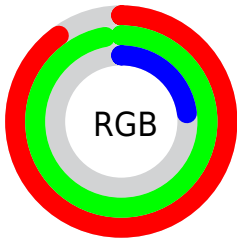
Format	Color
RYB	59, 247, 77
Decimal	15071035
CIELab	93.23, -27.26, 81.13
CIELCh	93, 85.584, 108.576
Yxy	83.4938, 0.3982, 0.5011
Android (android.graphics.Color)	4293261115 (0xFFE5F73B)
YUV	220.1860, -79.4647, 7.7299
Hunter-Lab	91.3750, -30.2830, 53.0822

Details

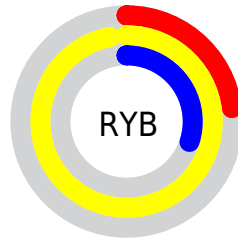
The YIQ color **220.1860, 49.6200, -62.2840** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **85.8140, -49.6200, 62.2840**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7240, 43.0140, -41.6740**, and **162.6480, 48.1990, -64.0650** is the 20% darker color. If you saturate the color by 10%, you get **216.7380, 56.4530, -70.4830**, and if you desaturate by 10%, it is **223.6340, 42.7870, -54.0850**.

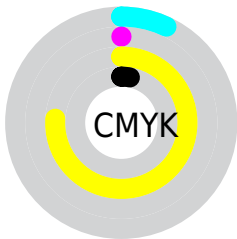
Distribution



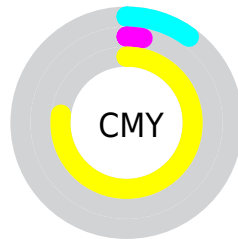
- Red (90%)
- Green (97%)
- Blue (23%)



- Red (23%)
- Yellow (97%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (76%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.1860, 49.6200, -62.2840 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 220.1860, 49.6200, -62.2840 by changing the saturation by 10% instead.

220.1860, 49.6200,
-62.2840

220.1860, 49.6200,
-62.2840

255.0000, -0.0000,
-0.0000

189.6500, 53.8850,
-67.9950

239.7240, 43.0140,
-41.6740

162.6480, 48.1990,
-64.0650

243.0300, 33.7050,
-32.6550

138.1280, 38.3400,
-56.0920

246.3360, 24.3960,
-23.6360

114.4940, 28.8020,
-48.4300

249.7560, 14.7660,
-14.3060

90.5610, 18.6680,
-40.9800

253.0620, 5.4570,
-5.2870

68.1010, 8.5800,
-34.3640

45.6410, -1.5080,

-27.7480

■ 24.6540, -11.5500,
-21.9660

■ 11.1530, -5.2250,
-9.9370

■ 220.1860, 49.6200,
-62.2840

■ 220.1860, 49.6200,
-62.2840

■ 216.7380, 56.4530,
-70.4830

■ 223.6340, 42.7870,
-54.0850

■ 213.1050, 62.3690,
-78.5830

■ 227.2670, 36.8710,
-45.9850

■ 211.6660, 64.9830,
-81.9050

■ 230.7150, 30.0380,
-37.7860

■ 234.1630, 23.2050,
-29.5870

■ 237.9100, 16.9680,
-21.1760

■ 241.2440, 10.4560,
-13.2880

■ 244.9910, 4.2190,
-4.8770

■ 248.2110, -1.9720,
2.7000

■ 248.8090, -0.7800,
3.1240

Harmonies

Analogous

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



211.9970, 72.8620, -42.9620



220.1860, 49.6200, -62.2840



201.9360, -31.7610, -68.6970

Triad

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



220.1860, 49.6200, -62.2840



178.7550, -151.9800, -54.0600



199.8220, 25.8500, 49.1620

Complementary

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



220.1860, 49.6200, -62.2840



85.8140, -49.6200, 62.2840

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.



217.4320, 17.6000, 33.4720



220.1860, 49.6200, -62.2840



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.



220.1860, 49.6200, -62.2840



178.7550, -151.9800, -54.0600



214.9430, -39.3840, -2.1040



191.5970, 47.6320, 28.8480

Rectangle

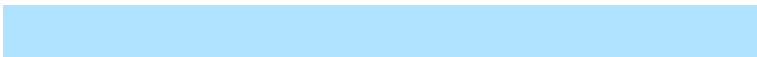
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.1860, 49.6200, -62.2840



169.2930, -125.3370, -79.8730



214.9430, -39.3840, -2.1040



204.5180, 23.6500, 44.9780

Sweetspot

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



220.1860, 49.6200, -62.2840



246.4800, 15.3630, -19.6210



124.6040, 107.6480, 31.4880



122.7000, 9.1720, -12.0440



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.



220.1860, 49.6200, -62.2840



221.9740, 61.3600, -76.8160



192.6780, -5.2120, -81.7880



120.3330, 3.2560, -3.9440



159.4140, 48.9780, -61.6620



50.4800, 15.3630, -19.6210

Inverse Universe

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



85.8140, -49.6200, 62.2840



56.0260, -61.3600, 76.8160



113.3220, 5.2120, 81.7880



111.6670, -3.2560, 3.9440



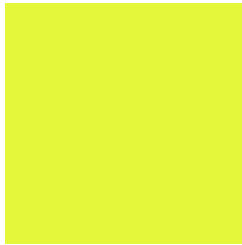
26.5860, -48.9780, 61.6620



8.5200, -15.3630, 19.6210

Previews

White Background



This preview shows how the YIQ color 220.1860, 49.6200, -62.2840 looks on a white background.

Color Contrast Check

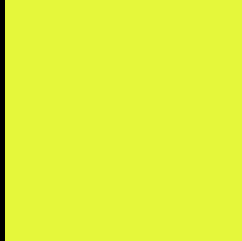
Large Text (above 18pt) WCAG AA × Fail

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 220.1860, 49.6200, -62.2840 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 220.1860, 49.6200, -62.2840

Background



This preview shows how black text looks on a background with the YIQ color 220.1860, 49.6200, -62.2840.



This preview shows how white text looks on a background with the YIQ color 220.1860, 49.6200,

-62.2840.

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

220.1860, 49.6200, -62.2840

Protanopia

231.6490, 39.5720, -23.3400

Deuteranopia

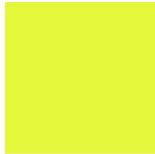
235.4570, 23.3380, -4.4540



Tritanopia

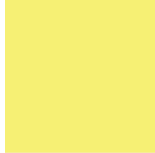
236.8360, 3.7580, 8.9900

Trichromacy



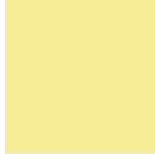
Original Color

220.1860, 49.6200, -62.2840



Protanomaly

227.6580, 43.3800, -37.2920



Deuteranomaly

229.7730, 33.2910, -25.1490



Tritanomaly

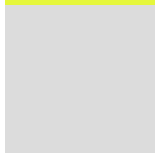
230.6980, 20.6810, -16.8790

Monochromacy



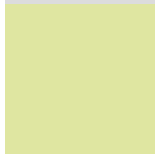
Original Color

220.1860, 49.6200, -62.2840



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.0410, 17.9770, -22.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.1860, 49.6200, -62.2840 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(229, 247, 59)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 59)  
}
```

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(229, 247, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 59) }
```

Border

The CSS property to change the border of an element to YIQ 220.1860, 49.6200, -62.2840 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(229, 247, 59) }
```


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

```
.border{ border-color:rgb(229, 247, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 59);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 220.1860, 49.6200, -62.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 59) }
```

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

```
.background{ background-color: rgb(229,  
247, 59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor