

Converting Colors

YIQ(236.0760, 53.2860,
-51.6260)

Have a look what the booklet for
YIQ(236.0760, 53.2860, -51.6260)
contains.

YIQ(236.0760, 53.2860, -51.6260)	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(236.0760, 53.2860,
-51.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF59
RGB	255, 255, 89
RGB Percent	100%, 100%, 35%
CMY	0.0001, 0.0000, 0.6506
CMYK	0.00, 0.00, 0.65, 0.00
HSL	60°, 100%, 67%
HSV	60°, 65%, 100%
XYZ	78.7970, 93.4974, 23.3641
YIQ	236.0760, 53.2860, -51.6260

Conversions

Conversions Part 2

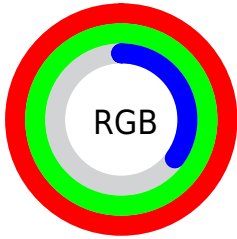
Format	Color
R _Y B	89, 255, 89
Decimal	16777049
CIE Lab	97.43, -19.21, 75.83
CIE LCh	97, 78.227, 104.217
Yxy	93.4974, 0.4027, 0.4779
Android (android.graphics.Color)	4294967129 (0xFFFFFFFF59)
YUV	236.0760, -72.5085, 16.5963
Hunter-Lab	96.6941, -23.7532, 53.3597

Details

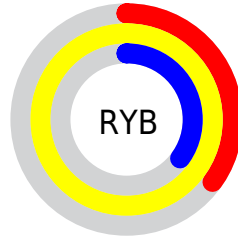
The YIQ color **236.0760, 53.2860, -51.6260** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **107.9240, -53.2860, 51.6260**, and the grayscale version is **237.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.6880, 34.6680, -33.5880**, and **177.2840, 55.3960, -56.8280** is the 20% darker color. If you saturate the color by 10%, you get **233.2260, 61.3110, -59.4010**, and if you desaturate by 10%, it is **239.0400, 44.9400, -43.5400**.

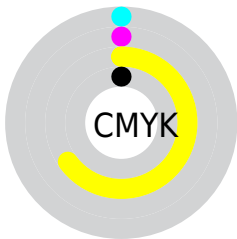
Distribution



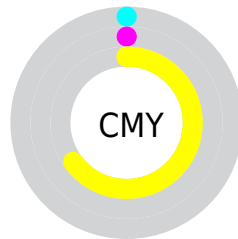
- Red (100%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.0760, 53.2860, -51.6260 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 236.0760, 53.2860, -51.6260 by changing the saturation by 10% instead.


 236.0760, 53.2860,
-51.6260


 236.0760, 53.2860,
-51.6260


255.0000, -0.0000,
-0.0000


 206.6630, 53.0110,
-52.1490


 242.6880, 34.6680,
-33.5880


 177.2840, 55.3960,
-56.8280


 245.8800, 25.6800,
-24.8800


 149.7120, 51.3150,
-54.4530

 249.1860, 16.3710,
-15.8610

 126.0780, 41.7770,
-46.7910

 252.6060, 6.7410,
-6.5310

 102.1450, 31.6430,
-39.3410

 79.9840, 22.1510,
-32.5130

 57.5240, 12.0630,

-25.8970

■ 36.8360, 2.6170,
-19.9030

■ 17.0230, -7.9750,
-15.1670

■ 236.0760, 53.2860,
-51.6260

■ 236.0760, 53.2860,
-51.6260

■ 233.2260, 61.3110,
-59.4010

■ 239.0400, 44.9400,
-43.5400

■ 230.2620, 69.6570,
-67.4870

■ 241.8900, 36.9150,
-35.7650

■ 227.4120, 77.6820,
-75.2620

■ 244.8540, 28.5690,
-27.6790

■ 225.9300, 81.8550,
-79.3050

■ 247.7040, 20.5440,
-19.9040

250.6680, 12.1980,
-11.8180

253.5180, 4.1730,
-4.0430

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

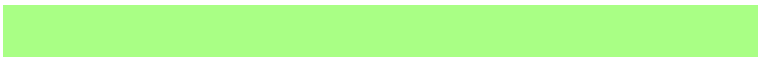
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.6120, 58.1890, -35.8510



236.0760, 53.2860, -51.6260



215.3780, -12.0940, -56.1740

Triad

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



236.0760, 53.2860, -51.6260



178.7550, -151.9800, -54.0600



214.4970, 18.9750, 36.0870

Complementary

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



236.0760, 53.2860, -51.6260



107.9240, -53.2860, 51.6260

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.



229.7590, 11.8250, 22.4890



236.0760, 53.2860, -51.6260



178.7550, -151.9800, -54.0600

Square

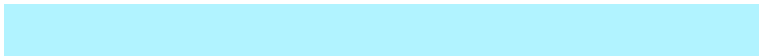
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.0760, 53.2860, -51.6260



178.7550, -151.9800, -54.0600



224.6340, -43.1880, -10.2600



206.3010, 33.7860, 26.4740

Rectangle

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



236.0760, 53.2860, -51.6260



194.1960, -78.9870, -60.8350



224.6340, -43.1880, -10.2600



218.6060, 17.0500, 32.4260

Sweetspot

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



236.0760, 53.2860, -51.6260



249.1860, 16.3710, -15.8610



138.6340, 98.9360, 35.1920



124.1670, 9.3550, -9.8530



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.



236.0760, 53.2860, -51.6260



232.3140, 63.8790, -61.8890



211.2590, 3.8180, -69.2220



126.2190, 3.5770, -4.2550



169.2260, 61.3110, -59.4010



56.7040, 20.5440, -19.9040

Inverse Universe

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



107.9240, -53.2860, 51.6260



78.6860, -63.8790, 61.8890



132.7410, -3.8180, 69.2220



116.4820, -4.1730, 4.0430



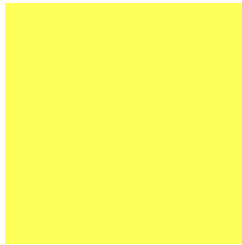
21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Previews

White Background



This preview shows how the YIQ color 236.0760, 53.2860, -51.6260 looks on a white background.

Color Contrast Check

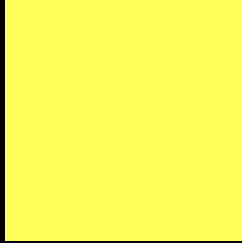
Large Text (above 18pt) WCAG AA × Fail

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 236.0760, 53.2860, -51.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

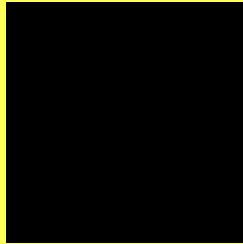
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.0760, 53.2860, -51.6260

Background



This preview shows how black text looks on a background with the YIQ color 236.0760, 53.2860, -51.6260.



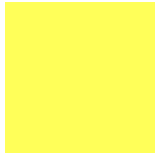
This preview shows how white text looks on a background with the YIQ color 236.0760, 53.2860, -51.6260.

-51.6260.

Color Blindness Simulation

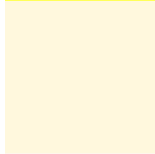
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



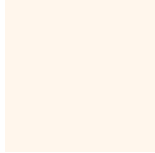
Original Color

236.0760, 53.2860, -51.6260



Protanopia

247.0150, 12.8390, -6.9130



Deuteranopia

247.5510, 8.5740, -1.2020



Tritanopia

248.6740, 4.0340, 3.9860

Trichromacy



Original Color

236.0760, 53.2860, -51.6260



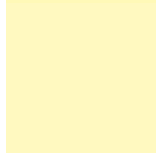
Protanomaly

243.3040, 27.4220, -23.4100



Deuteranomaly

243.2700, 24.7620, -19.2540



Tritanomaly

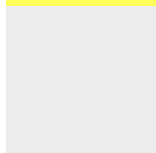
244.2960, 21.8730, -16.4550

Monochromacy



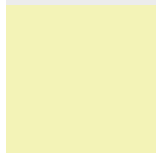
Original Color

236.0760, 53.2860, -51.6260



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.1600, 19.2600, -18.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.0760, 53.2860, -51.6260 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, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 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(255, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 89) }
```

Border

The CSS property to change the border of an element to YIQ 236.0760, 53.2860, -51.6260 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, 255, 89) }
```


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

```
.border{ border-color:rgb(255, 255, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 236.0760, 53.2860, -51.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 89) }
```

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

```
.background{ background-color: rgb(255,  
255, 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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