

Converting Colors

YIQ(216.1030, 48.6560,
-55.8240)

Have a look what the booklet for
YIQ(216.1030, 48.6560, -55.8240)
contains.

YIQ(216.1030, 48.6560, -55.8240)	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(216.1030, 48.6560,
-55.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EF43
RGB	228, 239, 67
RGB Percent	89%, 94%, 26%
CMY	0.1060, 0.0627, 0.7369
CMYK	0.05, 0.00, 0.72, 0.06
HSL	64°, 84%, 60%
HSV	64°, 72%, 94%
XYZ	63.8675, 78.6301, 17.1342
YIQ	216.1030, 48.6560, -55.8240

Conversions

Conversions Part 2

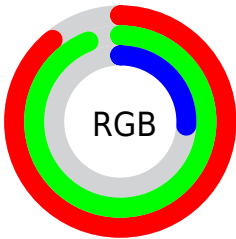
Format	Color
RYB	67, 239, 78
Decimal	15003459
CIELab	91.07, -23.55, 76.62
CIElCh	91, 80.159, 107.086
Yxy	78.6301, 0.4001, 0.4926
Android (android.graphics.Color)	4293193539 (0xFFE4EF43)
YUV	216.1030, -73.5078, 10.4337
Hunter-Lab	88.6736, -26.6136, 50.6150

Details

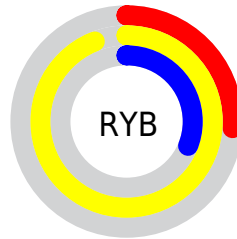
The YIQ color **216.1030, 48.6560, -55.8240** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **89.8970, -48.6560, 55.8240**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2940, 41.4090, -40.1190**, and **157.9520, 50.3990, -59.8810** is the 20% darker color. If you saturate the color by 10%, you get **212.7690, 55.1680, -63.7120**, and if you desaturate by 10%, it is **219.4370, 42.1440, -47.9360**.

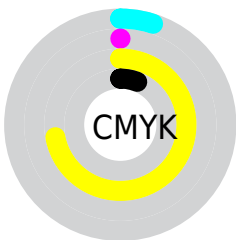
Distribution



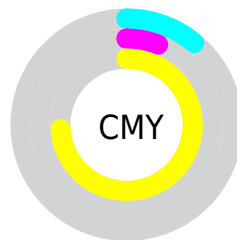
- Red (89%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1030, 48.6560, -55.8240 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 216.1030, 48.6560, -55.8240 by changing the saturation by 10% instead.

216.1030, 48.6560,
-55.8240

216.1030, 48.6560,
-55.8240

255.0000, -0.0000,
-0.0000

186.5930, 50.0320,
-58.7360

240.2940, 41.4090,
-40.1190

157.9520, 50.3990,
-59.8810

243.6000, 32.1000,
-31.1000

133.4320, 40.5400,
-51.9080

246.9060, 22.7910,
-22.0810

109.4990, 30.4060,
-44.4580

250.2120, 13.4820,
-13.0620

86.7510, 21.1890,
-37.1070

253.6320, 3.8520,
-3.7320

64.2910, 11.1010,
-30.4910

42.7170, 1.3340,

-24.1860

■ 21.7190, -10.1750,
-19.3510

■ 4.1090, -1.9250,
-3.6610

■ 216.1030, 48.6560,
-55.8240

■ 216.1030, 48.6560,
-55.8240

■ 212.7690, 55.1680,
-63.7120

■ 219.4370, 42.1440,
-47.9360

■ 209.7340, 62.2760,
-71.3880


■ 222.4720, 35.0360,
-40.2600

■ 207.2690, 67.7790,
-77.5090


■ 225.8060, 28.5240,
-32.3720


■ 228.8410, 21.4160,
-24.6960

 232.1750, 14.9040,
-16.8080

 235.0960, 8.1170,
-9.4430

 238.4300, 1.6050,
-1.5550

 241.1230, -4.5400,
5.1880

 241.7210, -3.3480,
5.6120

Harmonies

Analogous

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



209.7290, 70.9810, -36.4030



216.1030, 48.6560, -55.8240



204.5130, -26.0760, -67.1000

Triad

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



216.1030, 48.6560, -55.8240



178.7550, -151.9800, -54.0600



200.9960, 25.3000, 48.1160

Complementary

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



216.1030, 48.6560, -55.8240



89.8970, -48.6560, 55.8240

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.



216.8450, 17.8750, 33.9950



216.1030, 48.6560, -55.8240



174.0590, -149.7800, -49.8760

Square

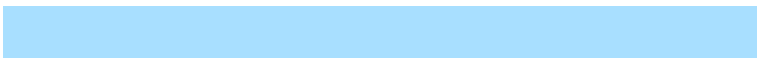
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.1030, 48.6560, -55.8240



178.7550, -151.9800, -54.0600



210.2030, -43.0520, -1.7080



191.7110, 47.3110, 29.1590

Rectangle

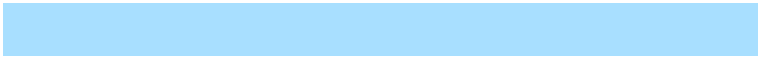
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.1030, 48.6560, -55.8240



168.6090, -123.4110, -81.7390



210.2030, -43.0520, -1.7080



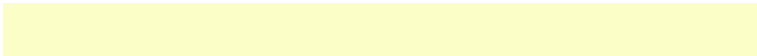
205.1050, 23.3750, 44.4550

Sweetspot

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



216.1030, 48.6560, -55.8240



247.4200, 15.5920, -18.2640



123.7110, 100.0370, 31.7570



123.2270, 9.1260, -11.2100



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.



216.1030, 48.6560, -55.8240



225.8480, 61.9550, -71.0770



190.9870, -1.4080, -73.6320



118.3330, 3.2560, -3.9440



159.4360, 51.9120, -59.7680



48.4200, 15.5920, -18.2640

Inverse Universe

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



89.8970, -48.6560, 55.8240



65.1520, -61.9550, 71.0770



115.0130, 1.4080, 73.6320



109.6670, -3.2560, 3.9440



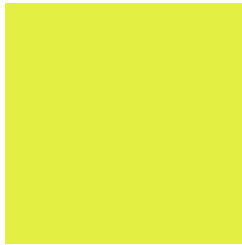
24.5640, -51.9120, 59.7680



7.5800, -15.5920, 18.2640

Previews

White Background



This preview shows how the YIQ color 216.1030, 48.6560, -55.8240 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 216.1030, 48.6560, -55.8240 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 216.1030, 48.6560, -55.8240

Background



This preview shows how black text looks on a background with the YIQ color 216.1030, 48.6560, -55.8240.



This preview shows how white text looks on a background with the YIQ color 216.1030, 48.6560,

-55.8240.

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

216.1030, 48.6560, -55.8240

Protanopia

221.7430, 59.1980, -37.6180

Deuteranopia

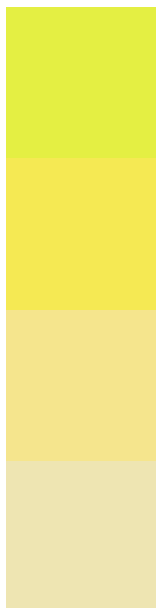
228.7090, 31.3160, -5.8680



Tritanopia

231.3310, 6.7380, 10.0500

Trichromacy



Original Color

216.1030, 48.6560, -55.8240

Protanomaly

219.4880, 55.3020, -44.1060

Deuteranomaly

223.7520, 37.7840, -23.9760

Tritanomaly

225.8770, 21.7350, -13.9530

Monochromacy



Original Color

216.1030, 48.6560, -55.8240

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7360, 17.5180, -20.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1030, 48.6560, -55.8240 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(228, 239, 67)` looks like.

```
.text, #text, p{  
    color:rgb(228, 239, 67)  
}
```

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(228, 239, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 239, 67) }
```

Border

The CSS property to change the border of an element to YIQ 216.1030, 48.6560, -55.8240 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(228, 239, 67) }
```


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

```
.border{ border-color:rgb(228, 239, 67) }
```

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

Here you see how a box with a 4 pixel rgb(228, 239, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 239, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 239, 67);  
box-shadow:4px 4px 4px 4px rgb(228, 239,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1030, 48.6560, -55.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 239, 67) }
```

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

```
.background{ background-color: rgb(228,  
239, 67) }
```

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