

Converting Colors

YIQ(222.2160, 32.8810,
-39.7510)

Have a look what the booklet for
YIQ(222.2160, 32.8810, -39.7510)
contains.

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Color

**YIQ(222.2160, 32.8810,
-39.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EF76
RGB	229, 239, 118
RGB Percent	90%, 94%, 46%
CMY	0.1021, 0.0627, 0.5370
CMYK	0.04, 0.00, 0.51, 0.06
HSL	65°, 79%, 70%
HSV	65°, 51%, 94%
XYZ	66.4461, 79.6985, 29.0386
YIQ	222.2160, 32.8810, -39.7510

Conversions

Conversions Part 2

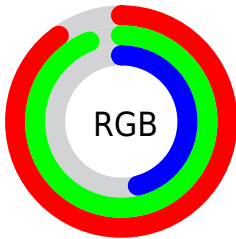
Format	Color
R_{YB}	118, 239, 128
Decimal	15069046
CIE _{Lab}	91.55, -19.82, 56.69
CIE _{LCh}	92, 60.057, 109.266
Yxy	79.6985, 0.3793, 0.4549
Android (android.graphics.Color)	4293259126 (0xFFE5EF76)
YUV	222.2160, -51.3785, 5.9496
Hunter-Lab	89.2740, -23.3731, 43.2062

Details

The YIQ color $222.2160, 32.8810, -39.7510$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $134.7840, -32.8810, 39.7510$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.6520, 26.3220, -25.5020$, and $165.8460, 31.0470, -39.5530$ is the 20% darker color. If you saturate the color by 10%, you get $218.8820, 39.3930, -47.6390$, and if you desaturate by 10%, it is $225.5500, 26.3690, -31.8630$.

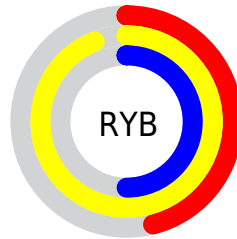
Distribution



Red (90%)

Green (94%)

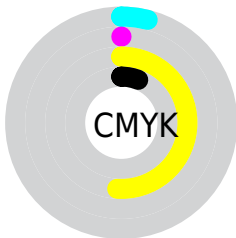
Blue (46%)



Red (46%)

Yellow (94%)

Blue (50%)

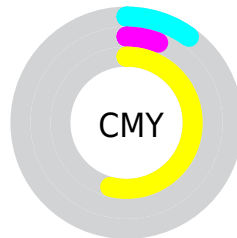


Cyan (4%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.2160, 32.8810, -39.7510 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 222.2160, 32.8810, -39.7510 by changing the saturation by 10% instead.

■ 222.2160, 32.8810,
-39.7510

■ 222.2160, 32.8810,
-39.7510

255.0000, -0.0000,
-0.0000

■ 194.0310, 31.9640,
-39.6520

■ 245.6520, 26.3220,
-25.5020

■ 165.9600, 30.7260,
-39.2420

■ 248.8440, 17.3340,
-16.7940

■ 138.4330, 30.7720,
-40.0760

■ 252.1500, 8.0250,
-7.7750

■ 110.9940, 33.3860,
-43.3980

■ 88.2460, 24.1690,
-36.0470

■ 66.6830, 15.8690,
-28.7950

■ 45.1090, 6.1020,

-22.4900

■ 24.1220, -3.9400,
-16.7080

■ 6.4570, -3.0250,
-5.7530

■ 222.2160, 32.8810,
-39.7510

■ 222.2160, 32.8810,
-39.7510

■ 218.8820, 39.3930,
-47.6390

■ 225.5500, 26.3690,
-31.8630

■ 215.5480, 45.9050,
-55.5270

■ 228.8840, 19.8570,
-23.9750


■ 212.2140, 52.4170,
-63.4150

■ 232.2180, 13.3450,
-16.0870

■ 208.8800, 58.9290,
-71.3030


■ 235.5520, 6.8330,
-8.1990


 205.7740, 64.7990,
-78.5690

 238.8860, 0.3210,
-0.3110

 241.4220, -3.9440,
5.4000

 242.0200, -2.7520,
5.8240

 242.6180, -1.5600,
6.2480

 243.2160, -0.3680,
6.6720

Harmonies

Analogous

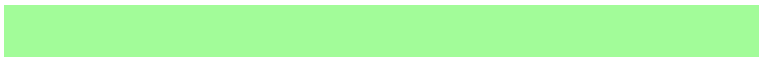
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.6090, 54.2440, -24.9240



222.2160, 32.8810, -39.7510



213.8040, -21.8610, -49.8690

Triad

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



222.2160, 32.8810, -39.7510



178.7550, -151.9800, -54.0600



213.7960, 19.5710, 36.2990

Complementary

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



222.2160, 32.8810, -39.7510



134.7840, -32.8810, 39.7510

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



222.2160, 32.8810, -39.7510



193.2390, -105.7680, -32.5200

Square

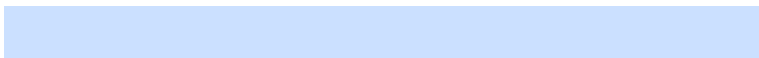
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.2160, 32.8810, -39.7510



178.7550, -151.9800, -54.0600



221.2550, -22.4670, 5.1890



207.1840, 38.1890, 18.2610

Rectangle

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



222.2160, 32.8810, -39.7510



202.5120, -67.8930, -52.6370



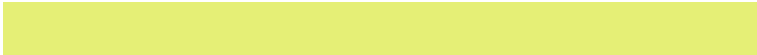
221.2550, -22.4670, 5.1890



216.2580, 18.1500, 34.5180

Sweetspot

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



222.2160, 32.8810, -39.7510



249.7710, 10.4100, -12.4540



158.8750, 69.9160, 21.4680



124.7800, 6.1910, -7.5770



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.



222.2160, 32.8810, -39.7510



233.3290, 42.3280, -51.2720



204.5750, -2.2830, -52.2590



118.3330, 3.2560, -3.9440



158.2400, 49.5280, -60.6160



48.1210, 14.9960, -18.4760

Inverse Universe

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



134.7840, -32.8810, 39.7510



120.6710, -42.3280, 51.2720



152.4250, 2.2830, 52.2590



109.6670, -3.2560, 3.9440



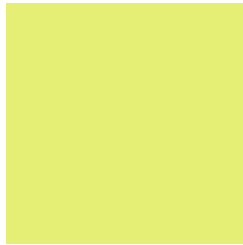
25.4610, -50.1240, 60.4040



7.8790, -14.9960, 18.4760

Previews

White Background



This preview shows how the YIQ color 222.2160, 32.8810, -39.7510 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 222.2160, 32.8810, -39.7510 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 222.2160, 32.8810, -39.7510

Background



This preview shows how black text looks on a background with the YIQ color 222.2160, 32.8810, -39.7510.



This preview shows how white text looks on a background with the YIQ color 222.2160, 32.8810, -39.7510.

-39.7510.

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

222.2160, 32.8810, -39.7510

Protanopia

224.9520, 51.5400, -30.9880

Deuteranopia

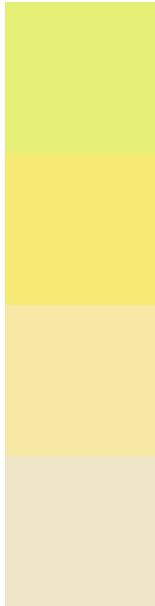
230.7950, 28.1980, -4.4260



Tritanopia

232.4340, 4.9500, 9.4140

Trichromacy



Original Color

222.2160, 32.8810, -39.7510

Protanomaly

224.1360, 45.0300, -34.1540

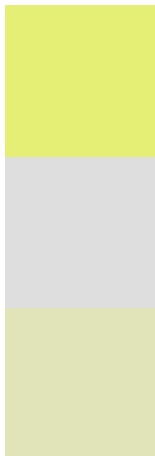
Deuteranomaly

227.9610, 30.1260, -17.3460

Tritanomaly

228.7440, 15.0400, -8.2560

Monochromacy



Original Color

222.2160, 32.8810, -39.7510

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0870, 12.3360, -14.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.2160, 32.8810, -39.7510 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, 239, 118)` looks like.

```
.text, #text, p{  
    color:rgb(229, 239, 118)  
}
```

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, 239, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 239, 118) }
```

Border

The CSS property to change the border of an element to YIQ 222.2160, 32.8810, -39.7510 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, 239, 118) }
```


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

```
.border{ border-color:rgb(229, 239, 118) }
```

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

Here you see how a box with a 4 pixel rgb(229, 239, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 239, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 239, 118);  
box-shadow:4px 4px 4px 4px rgb(229, 239,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 222.2160, 32.8810, -39.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 239, 118) }
```

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

```
.background{ background-color: rgb(229,  
239, 118) }
```

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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