

Converting Colors

YIQ(216.6520, 51.5440,
-53.0960)

Have a look what the booklet for
YIQ(216.6520, 51.5440, -53.0960)
contains.

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Color

**YIQ(216.6520, 51.5440,
-53.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ED45
RGB	233, 237, 69
RGB Percent	91%, 93%, 27%
CMY	0.0864, 0.0706, 0.7291
CMYK	0.02, 0.00, 0.71, 0.07
HSL	61°, 82%, 60%
HSV	61°, 71%, 93%
XYZ	64.9561, 78.3186, 17.3376
YIQ	216.6520, 51.5440, -53.0960

Conversions

Conversions Part 2

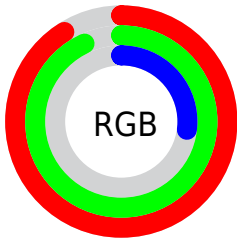
Format	Color
RYB	69, 237, 73
Decimal	15330629
CIELab	90.93, -20.47, 75.95
CIELCh	91, 78.660, 105.082
Yxy	78.3186, 0.4044, 0.4876
Android (android.graphics.Color)	4293520709 (0xFFE9ED45)
YUV	216.6520, -72.7924, 14.3372
Hunter-Lab	88.4978, -23.8546, 50.3330

Details

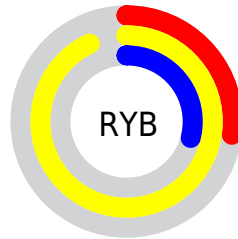
The YIQ color **216.6520, 51.5440, -53.0960** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **89.3480, -51.5440, 53.0960**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4080, 41.0880, -39.8080**, and **158.2730, 53.9290, -57.7750** is the 20% darker color. If you saturate the color by 10%, you get **213.6170, 58.6520, -60.7720**, and if you desaturate by 10%, it is **219.6870, 44.4360, -45.4200**.

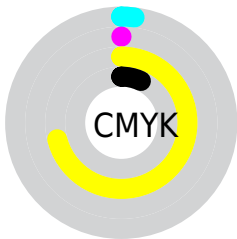
Distribution



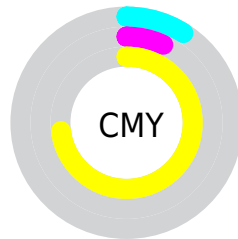
- Red (91%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.6520, 51.5440, -53.0960 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 216.6520, 51.5440, -53.0960 by changing the saturation by 10% instead.

216.6520, 51.5440,
-53.0960

216.6520, 51.5440,
-53.0960

255.0000, -0.0000,
-0.0000

187.3700, 52.2780,
-55.3860

240.5220, 40.7670,
-39.4970

158.2730, 53.9290,
-57.7750

243.7140, 31.7790,
-30.7890

134.3400, 43.7950,
-50.3250

247.0200, 22.4700,
-21.7700

110.4070, 33.6610,
-42.8750

250.3260, 13.1610,
-12.7510

87.3600, 23.8480,
-35.7360

253.7460, 3.5310,
-3.4210

65.1990, 14.3560,
-28.9080

43.6250, 4.5890,

-22.6030

■ 22.3390, -6.0490,
-17.0330

■ 3.5220, -1.6500,
-3.1380

■ 216.6520, 51.5440,
-53.0960

■ 216.6520, 51.5440,
-53.0960

■ 213.6170, 58.6520,
-60.7720

■ 219.6870, 44.4360,
-45.4200

■ 210.9950, 66.0350,
-67.9250

■ 222.3090, 37.0530,
-38.2670

■ 208.1880, 72.5010,
-74.9790

■ 225.3440, 29.9450,
-30.5910

■ 228.0800, 22.2410,
-23.1270

■ 231.1150, 15.1330,
-15.4510

■ 233.7370, 7.7500,
-8.2980

■ 236.7720, 0.6420,
-0.6220

■ 239.3510, -5.1820,
5.8100

Harmonies

Analogous

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



209.2390, 69.6050, -33.4910



216.6520, 51.5440, -53.0960



206.2750, -19.4740, -65.6020

Triad

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



216.6520, 51.5440, -53.0960



178.7550, -151.9800, -54.0600



202.1700, 24.7500, 47.0700

Complementary

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



216.6520, 51.5440, -53.0960



89.3480, -51.5440, 53.0960

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.



218.6060, 17.0500, 32.4260



216.6520, 51.5440, -53.0960



174.6460, -150.0550, -50.3990

Square

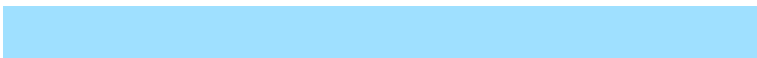
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.6520, 51.5440, -53.0960



178.7550, -151.9800, -54.0600



208.0990, -48.6910, -4.1390



192.8680, 45.4310, 30.1910

Rectangle

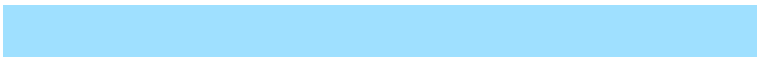
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.6520, 51.5440, -53.0960



178.9170, -100.6710, -75.3510



208.0990, -48.6910, -4.1390



206.8660, 22.5500, 42.8860

Sweetspot

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



216.6520, 51.5440, -53.0960



248.5450, 16.7380, -17.0060



120.9930, 99.3030, 34.0470



124.0530, 9.6760, -10.1640



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.



216.6520, 51.5440, -53.0960



228.7670, 66.6770, -68.5470



191.8350, 2.0760, -70.6920



115.7460, 3.5310, -3.4210



159.1700, 55.7170, -57.1390



47.2460, 16.1420, -17.2180

Inverse Universe

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



89.3480, -51.5440, 53.0960



64.2330, -66.6770, 68.5470



114.1650, -2.0760, 70.6920



107.2540, -3.5310, 3.4210



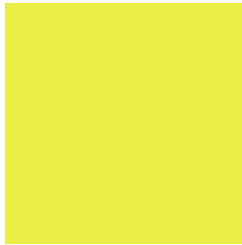
21.8300, -55.7170, 57.1390



6.4550, -16.7380, 17.0060

Previews

White Background



This preview shows how the YIQ color 216.6520, 51.5440, -53.0960 looks on a white background.

Color Contrast Check

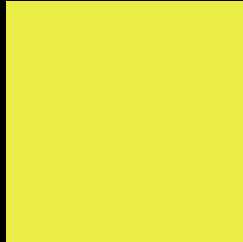
Large Text (above 18pt) WCAG AA × Fail

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 216.6520, 51.5440, -53.0960 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 216.6520, 51.5440, -53.0960

Background



This preview shows how black text looks on a background with the YIQ color 216.6520, 51.5440, -53.0960.



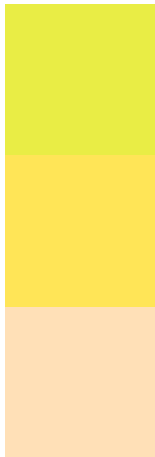
This preview shows how white text looks on a background with the YIQ color 216.6520, 51.5440, -53.0960.

-53.0960.

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

216.6520, 51.5440, -53.0960

Protanopia

220.5860, 61.0780, -38.6500

Deuteranopia

228.5950, 31.6370, -6.1790



Tritanopia

231.1250, 10.3140, 11.3220

Trichromacy



Original Color

216.6520, 51.5440, -53.0960

Protanomaly

219.1570, 57.7320, -44.0920

Deuteranomaly

224.4640, 38.6550, -23.2410

Tritanomaly

226.0840, 25.5860, -12.1580

Monochromacy



Original Color

216.6520, 51.5440, -53.0960

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7470, 18.9850, -19.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.6520, 51.5440, -53.0960 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(233, 237, 69)` looks like.

```
.text, #text, p{  
    color:rgb(233, 237, 69)  
}
```

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(233, 237, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 237, 69) }
```

Border

The CSS property to change the border of an element to YIQ 216.6520, 51.5440, -53.0960 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(233, 237, 69) }
```


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

```
.border{ border-color:rgb(233, 237, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 237, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 237, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 237, 69);  
box-shadow:4px 4px 4px 4px rgb(233, 237,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 216.6520, 51.5440, -53.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 237, 69) }
```

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

```
.background{ background-color: rgb(233,  
237, 69) }
```

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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