

Converting Colors

YIQ(211.4090, 31.3200,
-27.9760)

Have a look what the booklet for
YIQ(211.4090, 31.3200, -27.9760)
contains.

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Color

**YIQ(211.4090, 31.3200,
-27.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DD81
RGB	224, 221, 129
RGB Percent	88%, 87%, 51%
CMY	0.1216, 0.1333, 0.4939
CMYK	0.00, 0.01, 0.42, 0.12
HSL	58°, 60%, 69%
HSV	58°, 42%, 88%
XYZ	60.5583, 69.1437, 30.9406
YIQ	211.4090, 31.3200, -27.9760

Conversions

Conversions Part 2

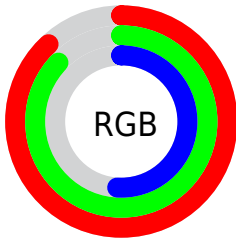
Format	Color
R _{YB}	132, 224, 129
Decimal	14736769
CIE Lab	86.58, -11.89, 45.37
CIE LCh	87, 46.898, 104.686
Yxy	69.1437, 0.3770, 0.4304
Android (android.graphics.Color)	4292926849 (0xFFE0DD81)
YUV	211.4090, -40.6276, 11.0423
Hunter-Lab	83.1527, -15.5194, 36.1454

Details

The YIQ color $211.4090, 31.3200, -27.9760$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $141.5910, -31.3200, 27.9760$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.7920, 23.1120, -22.3920$, and $156.1530, 29.1650, -27.4670$ is the 20% darker color. If you saturate the color by 10%, you get $208.3140, 38.6570, -34.2950$, and if you desaturate by 10%, it is $214.5040, 23.9830, -21.6570$.

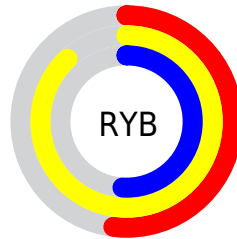
Distribution



Red (88%)

Green (87%)

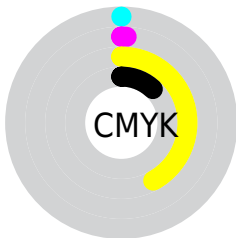
Blue (51%)



Red (52%)

Yellow (88%)

Blue (51%)

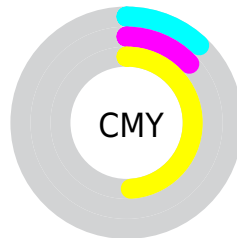


Cyan (0%)

Magenta (1%)

Yellow (42%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.4090, 31.3200, -27.9760 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 211.4090, 31.3200, -27.9760 by changing the saturation by 10% instead.

211.4090, 31.3200,
-27.9760

211.4090, 31.3200,
-27.9760

255.0000, -0.0000,
-0.0000

183.3380, 30.0820,
-27.5660

246.7920, 23.1120,
-22.3920

156.1530, 29.1650,
-27.4670

249.9840, 14.1240,
-13.6840

129.9680, 28.2480,
-27.3680

253.2900, 4.8150,
-4.6650

103.6690, 27.6520,
-27.5800

78.8430, 27.1020,
-28.6260

57.8670, 18.5270,
-21.8970

37.4780, 9.6770,

-15.6910

■ 16.4690, -3.2990,
-11.8030

■ 0.0000, 0.0000,
0.0000

■ 211.4090, 31.3200,
-27.9760

■ 211.4090, 31.3200,
-27.9760

■ 208.3140, 38.6570,
-34.2950

■ 214.5040, 23.9830,
-21.6570

■ 205.6920, 46.0400,
-41.4480

■ 217.1260, 16.6000,
-14.5040

■ 202.5970, 53.3770,
-47.7670

■ 220.2210, 9.2630,
-8.1850

■ 199.3880, 61.0350,
-54.3970

■ 223.4300, 1.6050,
-1.5550

■ 196.2930, 68.3720,
-60.7160

■ 226.5250, -5.7320,
4.7640

■ 194.3550, 73.8290,
-66.0030

■ 228.1210,
-10.2260, 9.1180

■ 228.7080,
-10.5010, 8.5950

■ 229.2950,
-10.7760, 8.0720

Harmonies

Analogous

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



212.1010, 53.2790, -12.9370



211.4090, 31.3200, -27.9760



205.5380, -8.8880, -37.1760

Triad

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



211.4090, 31.3200, -27.9760



168.1890, -147.0300, -44.6460



212.3140, 23.7440, 32.2560

Complementary

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



211.4090, 31.3200, -27.9760



141.5910, -31.3200, 27.9760

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.



219.1600, 12.3740, 29.0620



211.4090, 31.3200, -27.9760



195.1980, -80.1870, -17.0430

Square

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



211.4090, 31.3200, -27.9760



179.6730, -119.1540, -43.2340



210.6010, -29.2530, 7.0270



205.4230, 39.0140, 19.8300

Rectangle

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



211.4090, 31.3200, -27.9760



200.2600, -40.3400, -39.8600



210.6010, -29.2530, 7.0270



215.6710, 18.4250, 35.0410

Sweetspot

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



211.4090, 31.3200, -27.9760



250.6510, 10.8680, -9.7400



157.7470, 55.6570, 21.0730



125.0190, 7.0160, -6.0080



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.



211.4090, 31.3200, -27.9760



237.8320, 42.8300, -38.3380



200.0140, 4.2710, -38.8730



110.7460, 3.5310, -3.4210



152.4140, 58.1460, -51.5980



41.9410, 15.6830, -14.4050

Inverse Universe

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



141.5910, -31.3200, 27.9760



142.1680, -42.8300, 38.3380



152.9860, -4.2710, 38.8730



102.2540, -3.5310, 3.4210



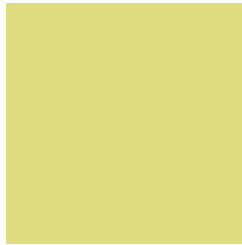
23.5860, -58.1460, 51.5980



6.6460, -15.9580, 13.8820

Previews

White Background



This preview shows how the YIQ color 211.4090, 31.3200, -27.9760 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 211.4090, 31.3200, -27.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

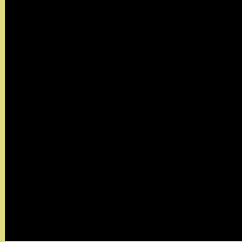
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.4090, 31.3200, -27.9760

Background



This preview shows how black text looks on a background with the YIQ color 211.4090, 31.3200, -27.9760.



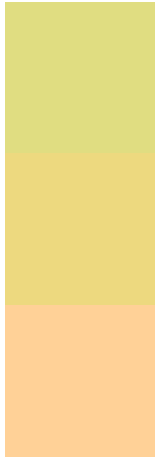
This preview shows how white text looks on a background with the YIQ color 211.4090, 31.3200, -27.9760.

-27.9760.

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

211.4090, 31.3200, -27.9760

Protanopia

212.7200, 40.8100, -23.7500

Deuteranopia

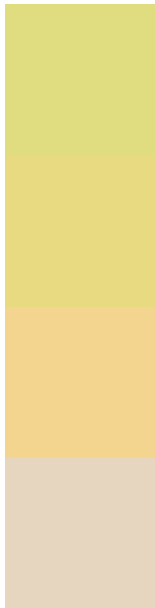
216.1420, 46.0340, -8.2860



Tritanopia

219.2990, 9.7640, 10.2760

Trichromacy



Original Color

211.4090, 31.3200, -27.9760

Protanomaly

211.9260, 37.2340, -25.0220

Deuteranomaly

214.2890, 40.9460, -15.1980

Tritanomaly

216.4610, 17.5150, -3.5490

Monochromacy



Original Color

211.4090, 31.3200, -27.9760

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.4230, 11.5100, -10.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.4090, 31.3200, -27.9760 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(224, 221, 129)` looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 129)  
}
```

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(224, 221, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 129) }
```

Border

The CSS property to change the border of an element to YIQ 211.4090, 31.3200, -27.9760 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(224, 221, 129) }
```


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

```
.border{ border-color:rgb(224, 221, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 221, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 129);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 211.4090, 31.3200, -27.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 129) }
```

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

```
.background{ background-color: rgb(224,  
221, 129) }
```

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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