

Converting Colors

YIQ(201.5370, 45.5790,
-27.5810)

Have a look what the booklet for
YIQ(201.5370, 45.5790, -27.5810)
contains.

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Color

**YIQ(201.5370, 45.5790,
-27.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CF68
RGB	228, 207, 104
RGB Percent	89%, 81%, 41%
CMY	0.1059, 0.1882, 0.5919
CMYK	0.00, 0.09, 0.54, 0.11
HSL	50°, 70%, 65%
HSV	50°, 54%, 89%
XYZ	56.8065, 62.1155, 22.1099
YIQ	201.5370, 45.5790, -27.5810

Conversions

Conversions Part 2

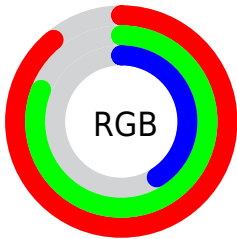
Format	Color
R_{YB}	129, 228, 104
Decimal	14995304
CIE _{Lab}	82.97, -5.45, 53.09
CIE _{LCh}	83, 53.370, 95.857
Yxy	62.1155, 0.4028, 0.4404
Android (android.graphics.Color)	4293185384 (0xFFE4CF68)
YUV	201.5370, -48.0857, 23.2081
Hunter-Lab	78.8134, -9.2656, 38.5365

Details

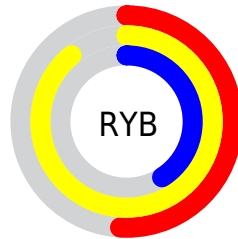
The YIQ color **201.5370, 45.5790, -27.5810** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130.4630, -45.5790, 27.5810**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9420, 31.1370, -30.1670**, and **146.5690, 42.5530, -27.8070** is the 20% darker color. If you saturate the color by 10%, you get **196.5670, 54.0620, -32.6420**, and if you desaturate by 10%, it is **206.5070, 37.0960, -22.5200**.

Distribution



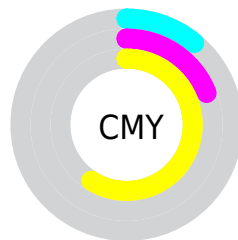
- Red (89%)
- Green (81%)
- Blue (41%)



- Red (51%)
- Yellow (89%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.5370, 45.5790, -27.5810 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 201.5370, 45.5790, -27.5810 by changing the saturation by 10% instead.

■ 201.5370, 45.5790,
-27.5810

■ 201.5370, 45.5790,
-27.5810

■ 255.0000, -0.0000,
-0.0000

■ 174.0530, 44.0660,
-27.6940

■ 243.9420, 31.1370,
-30.1670

■ 146.5690, 42.5530,
-27.8070

■ 247.1340, 22.1490,
-21.4590

■ 119.6290, 42.3240,
-29.1640

■ 250.3260, 13.1610,
-12.7510

■ 93.9600, 39.8940,
-29.1780

■ 253.6320, 3.8520,
-3.7320

■ 72.6850, 30.7230,
-22.6610

■ 51.4100, 21.5520,
-16.1440

■ 31.3090, 11.8310,

-10.6730

■ 9.1150, -2.0620,
-6.6860

■ 0.0000, 0.0000,
0.0000

■ 201.5370, 45.5790,
-27.5810

■ 201.5370, 45.5790,
-27.5810

■ 196.5670, 54.0620,
-32.6420

■ 206.5070, 37.0960,
-22.5200

■ 191.5970, 62.5450,
-37.7030

■ 211.4770, 28.6130,
-17.4590

■ 186.7410, 70.7070,
-42.4530

■ 216.3330, 20.4510,
-12.7090

■ 182.3580, 78.9150,
-48.0370

■ 220.7160, 12.2430,
-7.1250

■ 179.1150, 83.9130,
-50.5110

■ 225.6860, 3.7600,
-2.0640

■ 230.6560, -4.7230,
2.9970

■ 234.6000,
-10.3170, 5.2590

■ 236.9480,
-11.4170, 3.1670

■ 239.2960,
-12.5170, 1.0750

Harmonies

Analogous

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



200.2980, 63.0900, -9.0220



201.5370, 45.5790, -27.5810



196.0740, 4.0420, -40.2300

Triad

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



201.5370, 45.5790, -27.5810



164.6670, -145.3800, -41.5080



205.5950, 24.7510, 41.5430

Complementary

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



201.5370, 45.5790, -27.5810



130.4630, -45.5790, 27.5810

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.



207.5760, -0.6010, 27.4230



201.5370, 45.5790, -27.5810



159.9710, -143.1800, -37.3240

Square

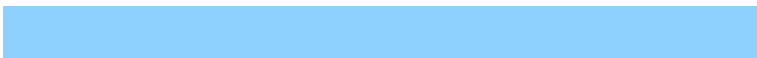
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.5370, 45.5790, -27.5810



161.2810, -133.0900, -54.9940



194.2110, -54.6980, 0.1020



195.7860, 42.7260, 29.6540

Rectangle

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



201.5370, 45.5790, -27.5810



189.8880, -30.6650, -44.4970



194.2110, -54.6980, 0.1020



209.2140, 21.4500, 40.7940

Sweetspot

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



201.5370, 45.5790, -27.5810



246.2170, 15.0860, -9.0900



143.6980, 66.5210, 33.4410



122.2150, 9.4000, -5.1600



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.



201.5370, 45.5790, -27.5810



219.6400, 60.9860, -36.9820



202.2030, 16.5600, -46.8320



112.4580, 4.4020, -2.6860



140.3970, 65.9840, -39.4560



39.9030, 18.8460, -11.1540

Inverse Universe

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



130.4630, -45.5790, 27.5810



124.3600, -60.9860, 36.9820



129.7970, -16.5600, 46.8320



105.5420, -4.4020, 2.6860



38.0160, -65.7090, 39.9790



11.0970, -18.8460, 11.1540

Previews

White Background



This preview shows how the YIQ color 201.5370, 45.5790, -27.5810 looks on a white background.

Color Contrast Check

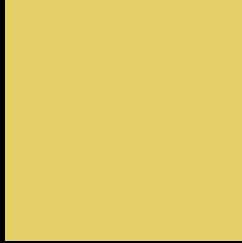
Large Text (above 18pt) WCAG AA × Fail

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 201.5370, 45.5790, -27.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

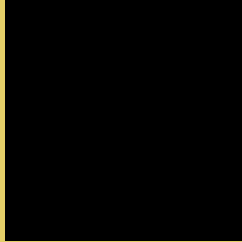
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.5370, 45.5790, -27.5810

Background



This preview shows how black text looks on a background with the YIQ color 201.5370, 45.5790, -27.5810.



This preview shows how white text looks on a background with the YIQ color 201.5370, 45.5790, -27.5810.

-27.5810.

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

201.5370, 45.5790, -27.5810

Protanopia

201.5370, 45.5790, -27.5810

Deuteranopia

203.7830, 62.8620, -15.9060



Tritanopia

209.5670, 20.8130, 13.7810

Trichromacy



Original Color

201.5370, 45.5790, -27.5810

Protanomaly

201.5370, 45.5790, -27.5810

Deuteranomaly

203.3260, 56.7190, -20.2170

Tritanomaly

206.2730, 29.8480, -1.2880

Monochromacy



Original Color

201.5370, 45.5790, -27.5810

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.7610, 16.3700, -10.3340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.5370, 45.5790, -27.5810 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, 207, 104)` looks like.

```
.text, #text, p{  
    color:rgb(228, 207, 104)  
}
```

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, 207, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 207, 104) }
```

Border

The CSS property to change the border of an element to YIQ 201.5370, 45.5790, -27.5810 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, 207, 104) }
```


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

```
.border{ border-color:rgb(228, 207, 104) }
```

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

Here you see how a box with a 4 pixel rgb(228, 207, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 207, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 207, 104);  
box-shadow:4px 4px 4px 4px rgb(228, 207,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 201.5370, 45.5790, -27.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 207, 104) }
```

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

```
.background{ background-color: rgb(228,  
207, 104) }
```

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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