

Converting Colors

YIQ(204.3330, 37.6460,
-21.4740)

Have a look what the booklet for
YIQ(204.3330, 37.6460, -21.4740)
contains.

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Color

**YIQ(204.3330, 37.6460,
-21.4740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E3D07E |
| RGB | 227, 208, 126 |
| RGB Percent | 89%, 82%, 49% |
| CMY | 0.1098, 0.1843, 0.5057 |
| CMYK | 0.00, 0.08, 0.44, 0.11 |
| HSL | 49°, 64%, 69% |
| HSV | 49°, 44%, 89% |
| XYZ | 58.0014, 62.9462, 28.8499 |
| YIQ | 204.3330, 37.6460, -21.4740 |

Conversions

Conversions Part 2

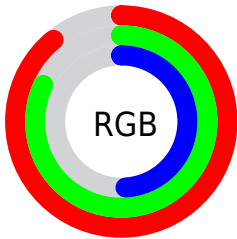
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 149, 227, 126 |
| Decimal | 14930046 |
| CIE _{Lab} | 83.41, -4.41, 42.95 |
| CIE _{LCh} | 83, 43.172, 95.859 |
| Yxy | 62.9462, 0.3872, 0.4202 |
| Android (android.graphics.Color) | 4293120126 (0xFFE3D07E) |
| YUV | 204.3330, -38.6182, 19.8790 |
| Hunter-Lab | 79.3386, -8.3482, 33.9774 |

Details

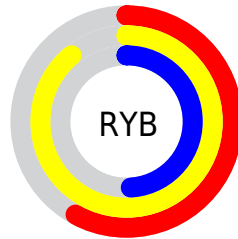
The YIQ color $204.3330, 37.6460, -21.4740$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $148.6670, -37.6460, 21.4740$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, 24.0750, -23.3250$, and $149.7780, 34.8950, -21.1770$ is the 20% darker color. If you saturate the color by 10%, you get $199.3630, 46.1290, -26.5350$, and if you desaturate by 10%, it is $209.3030, 29.1630, -16.4130$.

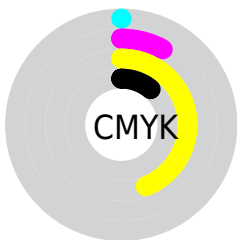
Distribution



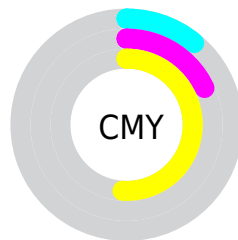
- Red (89%)
- Green (82%)
- Blue (49%)



- Red (58%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3330, 37.6460, -21.4740 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 204.3330, 37.6460, -21.4740 by changing the saturation by 10% instead.

 204.3330, 37.6460,
-21.4740

 204.3330, 37.6460,
-21.4740


255.0000, -0.0000,
-0.0000

 176.8490, 36.1330,
-21.5870


 246.4500, 24.0750,
-23.3250


 149.7780, 34.8950,
-21.1770


 249.6420, 15.0870,
-14.6170

 123.2940, 33.3820,
-21.2900

 252.8340, 6.0990,
-5.9090

 97.6960, 32.1900,
-21.7140

 72.9840, 31.3190,
-22.4490

 52.0080, 22.7440,
-15.7200

 32.2060, 13.6190,

-10.0370

■ 11.1970, 0.6430,
-6.1490

■ 0.0000, 0.0000,
0.0000

■ 204.3330, 37.6460,
-21.4740

■ 204.3330, 37.6460,
-21.4740

■ 199.3630, 46.1290,
-26.5350

■ 209.3030, 29.1630,
-16.4130

■ 193.9200, 54.5660,
-30.7620

■ 214.7460, 20.7260,
-12.1860

■ 188.9500, 63.0490,
-35.8230

■ 219.7160, 12.2430,
-7.1250

■ 183.9800, 71.5320,
-40.8840

■ 224.6860, 3.7600,
-2.0640

■ 179.1240, 79.6940,
-45.6340

■ 229.6560, -4.7230,
2.9970

■ 175.8810, 84.6920,
-48.1080

■ 234.3010,
-10.9130, 5.0470

■ 236.6490,
-12.0130, 2.9550

■ 238.9970,
-13.1130, 0.8630

■ 241.3450,
-14.2130, -1.2290

Harmonies

Analogous

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



205.3990, 55.6160, -5.7280



204.3330, 37.6460, -21.4740



199.9310, 3.3070, -32.4130

Triad

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



204.3330, 37.6460, -21.4740



173.5560, -122.7780, -32.6180



210.0800, 24.5230, 34.6590

Complementary

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



204.3330, 37.6460, -21.4740



148.6670, -37.6460, 21.4740

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.



209.6250, -2.2970, 25.1190



204.3330, 37.6460, -21.4740



186.0060, -88.3940, -16.9860

Square

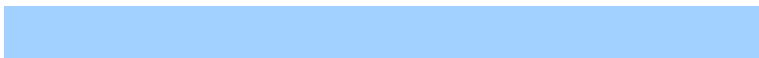
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.3330, 37.6460, -21.4740



182.8420, -85.7770, -36.8890



200.1910, -42.7780, 4.3420



202.4710, 39.0590, 24.5230

Rectangle

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



204.3330, 37.6460, -21.4740



195.5780, -23.5600, -35.5920



200.1910, -42.7780, 4.3420



213.4970, 18.9750, 36.0870

Sweetspot

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



204.3330, 37.6460, -21.4740



247.7160, 12.2430, -7.1250



158.4790, 53.7760, 27.6320



123.2580, 7.8410, -4.4390



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.



204.3330, 37.6460, -21.4740



224.9350, 50.2100, -28.9100



206.5160, 14.5410, -37.7710



112.4580, 4.4020, -2.6860



138.6360, 66.8090, -37.8870



39.3160, 19.1210, -10.6310

Inverse Universe

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



148.6670, -37.6460, 21.4740



150.0650, -50.2100, 28.9100



146.4840, -14.5410, 37.7710



105.5420, -4.4020, 2.6860



40.3640, -66.8090, 37.8870



11.6840, -19.1210, 10.6310

Previews

White Background



This preview shows how the YIQ color 204.3330, 37.6460, -21.4740 looks on a white background.

Color Contrast Check

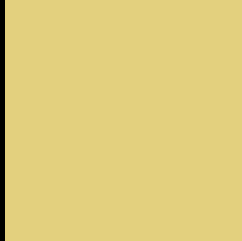
Large Text (above 18pt) WCAG AA × Fail

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 204.3330, 37.6460, -21.4740 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 204.3330, 37.6460, -21.4740

Background



This preview shows how black text looks on a background with the YIQ color 204.3330, 37.6460, -21.4740.



This preview shows how white text looks on a background with the YIQ color 204.3330, 37.6460, -21.4740.

-21.4740.

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

204.3330, 37.6460, -21.4740

Protanopia

204.3330, 37.6460, -21.4740

Deuteranopia

206.4540, 53.7830, -11.0570



Tritanopia

211.0720, 17.8330, 12.7210

Trichromacy



Original Color

204.3330, 37.6460, -21.4740

Protanomaly

204.3330, 37.6460, -21.4740

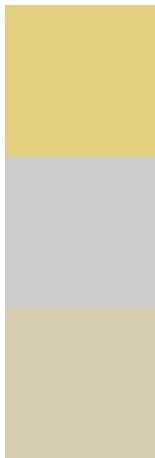
Deuteranomaly

205.4100, 47.9150, -14.8450

Tritanomaly

208.8750, 25.2170, 0.0410

Monochromacy



Original Color

204.3330, 37.6460, -21.4740

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.7870, 13.4810, -7.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3330, 37.6460, -21.4740 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(227, 208, 126)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 126)  
}
```

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(227, 208, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 126) }
```

Border

The CSS property to change the border of an element to YIQ 204.3330, 37.6460, -21.4740 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(227, 208, 126) }
```


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

```
.border{ border-color:rgb(227, 208, 126) }
```

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

Here you see how a box with a 4 pixel rgb(227, 208, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 126);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3330, 37.6460, -21.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 126) }
```

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

```
.background{ background-color: rgb(227,  
208, 126) }
```

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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