

Converting Colors

YIQ(204.0940, 28.7940, -4.2140)

Have a look what the booklet for
YIQ(204.0940, 28.7940, -4.2140)
contains.

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Color

**YIQ(204.0940, 28.7940,
-4.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C7A5
RGB	229, 199, 165
RGB Percent	90%, 78%, 65%
CMY	0.1019, 0.2196, 0.3528
CMYK	0.00, 0.13, 0.28, 0.10
HSL	32°, 55%, 77%
HSV	32°, 28%, 90%
XYZ	59.5325, 60.2190, 44.1002
YIQ	204.0940, 28.7940, -4.2140

Conversions

Conversions Part 2

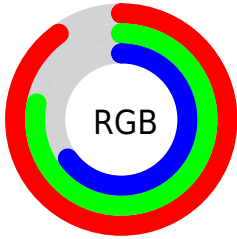
Format	Color
RYB	221, 229, 165
Decimal	15058853
CIELab	81.96, 5.57, 20.92
CIELCh	82, 21.645, 75.082
Yxy	60.2190, 0.3633, 0.3675
Android (android.graphics.Color)	4293248933 (0xFFE5C7A5)
YUV	204.0940, -19.2733, 21.8426
Hunter-Lab	77.6009, 1.1368, 20.6265

Details

The YIQ color **204.0940, 28.7940, -4.2140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **189.9060, -28.7940, 4.2140**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.0100, 11.2350, -10.8850**, and **149.7240, 26.9600, -4.0160** is the 20% darker color. If you saturate the color by 10%, you get **195.0150, 39.2020, -5.6140**, and if you desaturate by 10%, it is **213.1730, 18.3860, -2.8140**.

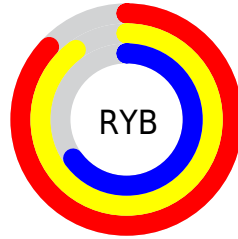
Distribution



Red (90%)

Green (78%)

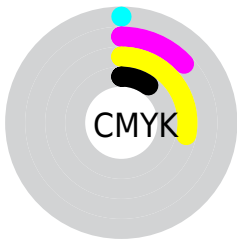
Blue (65%)



Red (87%)

Yellow (90%)

Blue (65%)

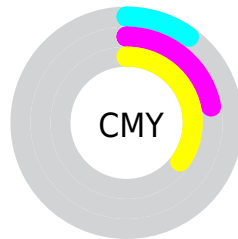


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (22%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.0940, 28.7940, -4.2140 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 204.0940, 28.7940, -4.2140 by changing the saturation by 10% instead.

 204.0940, 28.7940,
-4.2140


 204.0940, 28.7940,
-4.2140


255.0000, -0.0000,
-0.0000


 176.9090, 27.8770,
-4.1150


 251.0100, 11.2350,
-10.8850


 149.7240, 26.9600,
-4.0160

 254.3160, 1.9260,
-1.8660

 124.1260, 25.7680,
-4.4400

 98.7560, 23.9340,
-4.2420

 74.5710, 23.0170,
-4.1430

 51.7880, 20.9080,
-4.4680

 30.1900, 19.7160,

-4.8920

■ 7.4530, 11.9660,
3.4060

■ 0.0000, 0.0000,
0.0000

■ 204.0940, 28.7940,
-4.2140

■ 204.0940, 28.7940,
-4.2140

■ 195.0150, 39.2020,
-5.6140

■ 213.1730, 18.3860,
-2.8140

■ 186.5230, 49.3350,
-7.5370

■ 221.6650, 8.2530,
-0.8910

■ 177.4440, 59.7430,
-8.9370

■ 230.7440, -2.1550,
0.5090

■ 168.3650, 70.1510,
-10.3370

■ 239.5950,
-11.9210, 1.2870

■ 159.4000, 80.2380,
-11.4260

■ 246.0520,
-14.9460, -4.4660

■ 150.9080, 90.3710,
-13.3490

■ 247.2260,
-15.4960, -5.5120

■ 141.8290,
100.7790, -14.7490

■ 140.0850,
102.9340, -15.2580

Harmonies

Analogous

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



206.0120, 35.2570, 5.3130



204.0940, 28.7940, -4.2140



202.2230, 14.9490, -12.1150

Triad

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



204.0940, 28.7940, -4.2140



196.0380, -38.6940, -14.6140



206.8070, 2.7020, 17.1180

Complementary

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



204.0940, 28.7940, -4.2140



189.9060, -28.7940, 4.2140

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.



204.2820, -17.9290, 11.0550



204.0940, 28.7940, -4.2140



196.6280, -43.0510, -7.2350

Square

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



204.0940, 28.7940, -4.2140



197.2430, -23.3340, -17.6540



200.5030, -35.0290, 1.5710



207.7890, 20.3080, 17.4280

Rectangle

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



204.0940, 28.7940, -4.2140



200.3570, 2.7080, -16.0440



200.5030, -35.0290, 1.5710



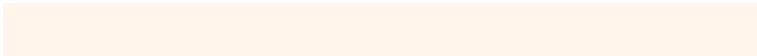
206.0450, -3.9000, 15.6200

Sweetspot

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



204.0940, 28.7940, -4.2140



246.8500, 9.1700, -0.9900



187.6700, 28.1930, 23.2090



122.9960, 5.8230, -0.9050



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.



204.0940, 28.7940, -4.2140



221.0150, 39.2020, -5.6140



221.4050, 19.9480, -20.1160



110.1100, 5.5020, -0.5940



109.2860, 80.5590, -11.7370



31.0980, 22.9710, -3.3090

Inverse Universe

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



189.9060, -28.7940, 4.2140



201.9850, -39.2020, 5.6140



172.5950, -19.9480, 20.1160



107.8900, -5.5020, 0.5940



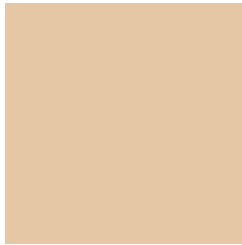
69.7140, -80.5590, 11.7370



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 204.0940, 28.7940, -4.2140 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 204.0940, 28.7940, -4.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

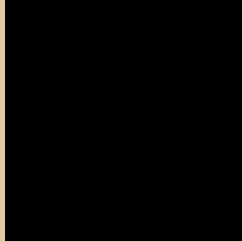
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.0940, 28.7940, -4.2140

Background



This preview shows how black text looks on a background with the YIQ color 204.0940, 28.7940, -4.2140.



This preview shows how white text looks on a background with the YIQ color 204.0940, 28.7940,

-4.2140.

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

204.0940, 28.7940, -4.2140

Protanopia

203.3700, 19.0290, -8.9630

Deuteranopia

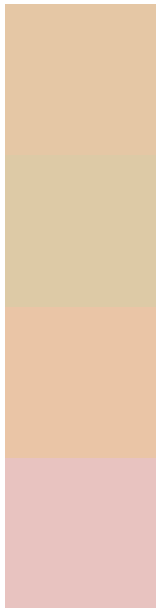
204.8390, 34.0660, -0.6380



Tritanopia

206.9690, 19.6210, 13.3570

Trichromacy



Original Color

204.0940, 28.7940, -4.2140

Protanomaly

203.5770, 22.8800, -7.1680

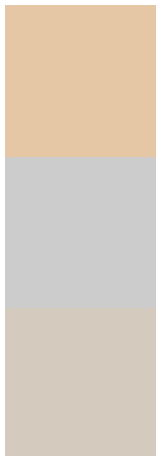
Deuteranomaly

204.5290, 32.0030, -1.7970

Tritanomaly

205.7210, 23.0150, 6.9110

Monochromacy



Original Color

204.0940, 28.7940, -4.2140

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.9210, 10.4080, -1.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.0940, 28.7940, -4.2140 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, 199, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 165)  
}
```

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, 199, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 165) }
```

Border

The CSS property to change the border of an element to YIQ 204.0940, 28.7940, -4.2140 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, 199, 165) }
```


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

```
.border{ border-color:rgb(229, 199, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 204.0940, 28.7940, -4.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 165) }
```

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

```
.background{ background-color: rgb(229,  
199, 165) }
```

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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