

Converting Colors

YIQ(217.7540, 26.2750,
-19.1410)

Have a look what the booklet for
YIQ(217.7540, 26.2750, -19.1410)
contains.

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Color

**YIQ(217.7540, 26.2750,
-19.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DF9C
RGB	231, 223, 156
RGB Percent	91%, 87%, 61%
CMY	0.0941, 0.1255, 0.3881
CMYK	0.00, 0.03, 0.32, 0.09
HSL	54°, 61%, 76%
HSV	54°, 32%, 91%
XYZ	65.3440, 72.1631, 41.9550
YIQ	217.7540, 26.2750, -19.1410

Conversions

Conversions Part 2

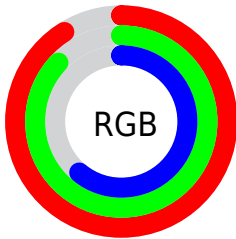
Format	Color
R_{YB}	165, 231, 156
Decimal	15196060
CIE _{Lab}	88.05, -7.19, 33.86
CIE _{LCh}	88, 34.610, 101.985
Yxy	72.1631, 0.3641, 0.4021
Android (android.graphics.Color)	4293386140 (0xFFE7DF9C)
YUV	217.7540, -30.4447, 11.6167
Hunter-Lab	84.9488, -11.3555, 30.1817

Details

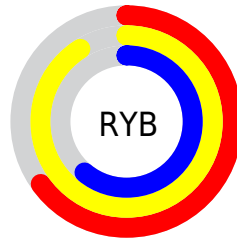
The YIQ color $217.7540, 26.2750, -19.1410$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $169.2460, -26.2750, 19.1410$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9840, 14.1240, -13.6840$, and $162.4980, 24.1200, -18.6320$ is the 20% darker color. If you saturate the color by 10%, you get $213.9580, 34.2080, -25.2480$, and if you desaturate by 10%, it is $221.5500, 18.3420, -13.0340$.

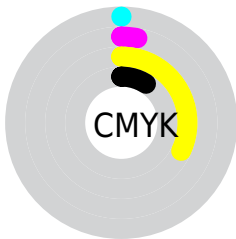
Distribution



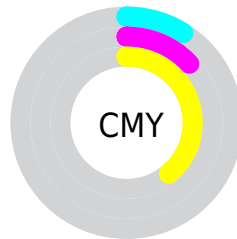
- Red (91%)
- Green (87%)
- Blue (61%)



- Red (65%)
- Yellow (91%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.7540, 26.2750, -19.1410 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 217.7540, 26.2750, -19.1410 by changing the saturation by 10% instead.

■ 217.7540, 26.2750,
-19.1410

■ 217.7540, 26.2750,
-19.1410

255.0000, -0.0000,
-0.0000

■ 189.6830, 25.0370,
-18.7310

■ 249.9840, 14.1240,
-13.6840

■ 162.4980, 24.1200,
-18.6320

■ 253.2900, 4.8150,
-4.6650

■ 136.3130, 23.2030,
-18.5330

■ 110.5410, 22.5610,
-17.9110

■ 86.0570, 21.0480,
-18.0240

■ 61.6440, 20.7730,
-18.5470

■ 41.0550, 15.3620,

-14.0940

■ 21.8400, 5.9620,
-8.9340

■ 0.0000, 0.0000,
0.0000

■ 217.7540, 26.2750,
-19.1410

■ 217.7540, 26.2750,
-19.1410

■ 213.9580, 34.2080,
-25.2480

■ 221.5500, 18.3420,
-13.0340

■ 209.5750, 42.4160,
-30.8320

■ 225.9330, 10.1340,
-7.4500

■ 205.7790, 50.3490,
-36.9390

■ 229.7290, 2.2010,
-1.3430

■ 201.3960, 58.5570,
-42.5230

■ 234.1120, -6.0070,
4.2410

■ 197.6000, 66.4900,
-48.6300

■ 236.0840, -8.8040,
5.3720

■ 193.1030, 75.0190,
-54.5250

■ 237.8450, -9.6290,
3.8030

■ 189.9910, 81.0260,
-58.7660

■ 239.0190,
-10.1790, 2.7570

■ 240.7800,
-11.0040, 1.1880

■ 241.9540,
-11.5540, 0.1420

Harmonies

Analogous

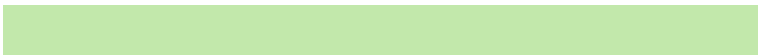
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.8150, 42.6410, -7.3670



217.7540, 26.2750, -19.1410



213.6840, -3.0670, -27.0270

Triad

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



217.7540, 26.2750, -19.1410



204.0690, -75.5100, -19.2060



220.6460, 19.5730, 25.2450

Complementary

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



217.7540, 26.2750, -19.1410



169.2460, -26.2750, 19.1410

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.



223.5240, 5.1770, 21.8250



217.7540, 26.2750, -19.1410



209.2290, -55.1090, -8.9730

Square

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



217.7540, 26.2750, -19.1410



204.2300, -66.0180, -26.0340



216.8250, -24.0720, 6.7440



215.7100, 30.7160, 16.0280

Rectangle

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



217.7540, 26.2750, -19.1410



210.6090, -24.8450, -28.8210



216.8250, -24.0720, 6.7440



222.9600, 15.8130, 27.3090

Sweetspot

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



217.7540, 26.2750, -19.1410



250.3890, 8.8500, -6.2060



179.4510, 41.8110, 18.6990



125.0020, 5.6860, -3.9300



0.0000, 0.0000, 0.0000



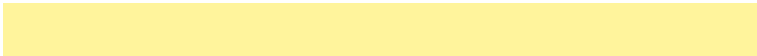
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.7540, 26.2750, -19.1410



237.2570, 34.8040, -25.0360



213.7790, 6.7910, -29.4730



113.0450, 4.1270, -3.2090



146.8540, 62.9590, -45.2090



42.2510, 17.7460, -13.2460

Inverse Universe

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



169.2460, -26.2750, 19.1410



173.1560, -34.5290, 25.5590



173.2210, -6.7910, 29.4730



104.9550, -4.1270, 3.2090



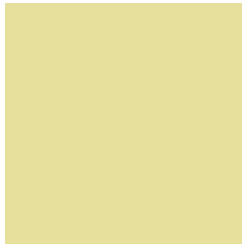
31.5590, -62.6840, 45.7320



8.7490, -17.7460, 13.2460

Previews

White Background



This preview shows how the YIQ color 217.7540, 26.2750, -19.1410 looks on a white background.

Color Contrast Check

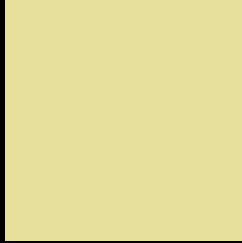
Large Text (above 18pt) WCAG AA × Fail

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 217.7540, 26.2750, -19.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

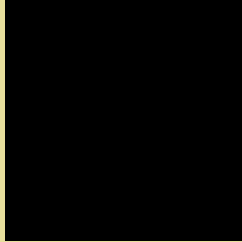
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

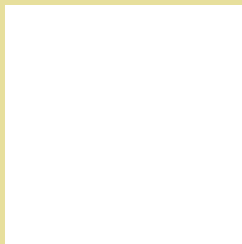
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.7540, 26.2750, -19.1410

Background



This preview shows how black text looks on a background with the YIQ color 217.7540, 26.2750, -19.1410.



This preview shows how white text looks on a background with the YIQ color 217.7540, 26.2750,

-19.1410.

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

217.7540, 26.2750, -19.1410

Protanopia

218.5590, 31.3180, -16.9220

Deuteranopia

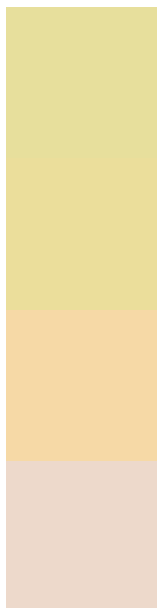
220.8840, 38.1930, -3.8470



Tritanopia

223.0110, 10.6350, 11.0110

Trichromacy



Original Color

217.7540, 26.2750, -19.1410

Protanomaly

218.2490, 29.2550, -18.0810

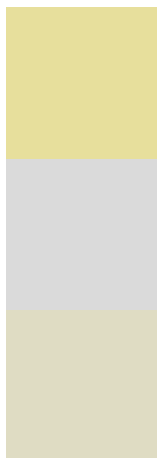
Deuteranomaly

219.8570, 33.6550, -9.7130

Tritanomaly

221.3840, 16.4140, -0.1140

Monochromacy



Original Color

217.7540, 26.2750, -19.1410

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.0470, 9.8130, -7.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7540, 26.2750, -19.1410 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(231, 223, 156)` looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 156)  
}
```

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(231, 223, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 156) }
```

Border

The CSS property to change the border of an element to YIQ 217.7540, 26.2750, -19.1410 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(231, 223, 156) }
```


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

```
.border{ border-color:rgb(231, 223, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 156);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7540, 26.2750, -19.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 156) }
```

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

```
.background{ background-color: rgb(231,  
223, 156) }
```

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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