

Converting Colors

YIQ(206.0280, 28.0190,
-28.7250)

Have a look what the booklet for
YIQ(206.0280, 28.0190, -28.7250)
contains.

YIQ(206.0280, 28.0190, -28.7250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(206.0280, 28.0190,
-28.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D97E
RGB	215, 217, 126
RGB Percent	84%, 85%, 49%
CMY	0.1569, 0.1490, 0.5057
CMYK	0.01, 0.00, 0.42, 0.15
HSL	61°, 54%, 67%
HSV	61°, 42%, 85%
XYZ	56.6016, 65.5783, 29.4290
YIQ	206.0280, 28.0190, -28.7250

Conversions

Conversions Part 2

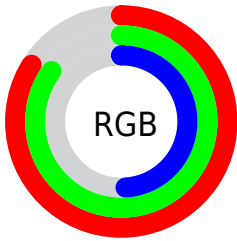
Format	Color
R_{YB}	126, 217, 128
Decimal	14145918
CIE _{Lab}	84.78, -13.74, 44.45
CIE _{LCh}	85, 46.524, 107.175
Yxy	65.5783, 0.3733, 0.4325
Android (android.graphics.Color)	4292335998 (0xFFD7D97E)
YUV	206.0280, -39.4538, 7.8684
Hunter-Lab	80.9804, -16.9523, 35.1398

Details

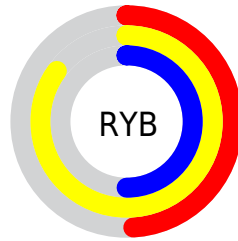
The YIQ color $206.0280, 28.0190, -28.7250$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $136.9720, -28.0190, 28.7250$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, 24.0750, -23.3250$, and $151.1850, 26.1390, -27.6930$ is the 20% darker color. If you saturate the color by 10%, you get $203.5200, 35.0810, -35.5670$, and if you desaturate by 10%, it is $208.5360, 20.9570, -21.8830$.

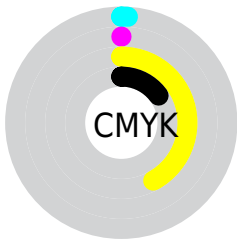
Distribution



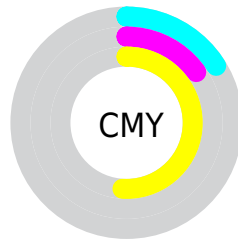
- Red (84%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.0280, 28.0190, -28.7250 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 206.0280, 28.0190, -28.7250 by changing the saturation by 10% instead.

■ 206.0280, 28.0190,
-28.7250

■ 206.0280, 28.0190,
-28.7250

■ 255.0000, -0.0000,
-0.0000

■ 177.9570, 26.7810,
-28.3150

■ 246.4500, 24.0750,
-23.3250

■ 151.1850, 26.1390,
-27.6930

■ 249.6420, 15.0870,
-14.6170

■ 124.7010, 24.6260,
-27.8060

■ 252.9480, 5.7780,
-5.5980

■ 99.1740, 24.6720,
-28.6400

■ 74.6900, 23.1590,
-28.7530

■ 53.4260, 15.4550,
-21.2890

■ 33.0370, 6.6050,

-15.0830

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 206.0280, 28.0190,
-28.7250

■ 206.0280, 28.0190,
-28.7250

■ 203.5200, 35.0810,
-35.5670

■ 208.5360, 20.9570,
-21.8830

■ 200.8270, 41.2260,
-42.3100

■ 211.2290, 14.8120,
-15.1400

■ 198.3190, 48.2880,
-49.1520

■ 213.7370, 7.7500,
-8.2980

■ 195.5120, 54.7540,
-56.2060

■ 216.5440, 1.2840,
-1.2440

■ 193.1180, 61.4950,
-62.7370

■ 219.0520, -5.7780,
5.5980

■ 190.7670, 66.6770,
-68.5470

■ 221.6310,
-11.6020, 12.0300

■ 221.9300,
-11.0060, 12.2420

Harmonies

Analogous

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



209.7700, 55.7090, -12.9230



206.0280, 28.0190, -28.7250



200.2710, -12.5100, -37.6140

Triad

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



206.0280, 28.0190, -28.7250



164.6670, -145.3800, -41.5080



207.7660, 28.2830, 32.5950

Complementary

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



206.0280, 28.0190, -28.7250



136.9720, -28.0190, 28.7250

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.



215.3390, 13.4280, 31.9880



206.0280, 28.0190, -28.7250



192.2740, -77.3450, -13.4810

Square

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



206.0280, 28.0190, -28.7250



169.9320, -130.2490, -45.9050



206.7910, -26.7320, 10.9000



202.1630, 42.6820, 19.4340

Rectangle

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



206.0280, 28.0190, -28.7250



194.5200, -44.0080, -39.4640



206.7910, -26.7320, 10.9000



211.2370, 22.6430, 35.6910

Sweetspot

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



206.0280, 28.0190, -28.7250



250.9390, 9.9970, -10.4750



154.3830, 53.6860, 18.2460



125.3070, 6.1450, -6.7430



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.



206.0280, 28.0190, -28.7250



239.6250, 38.9790, -40.1330



192.5730, 1.1990, -38.2650



108.4470, 2.9350, -3.6330



152.3810, 53.7450, -54.4390



40.4570, 14.1700, -14.5180

Inverse Universe

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



136.9720, -28.0190, 28.7250



143.0760, -39.5750, 39.9210



150.4270, -1.1990, 38.2650



100.2540, -3.5310, 3.4210



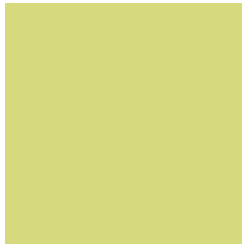
20.9180, -53.1490, 54.6510



5.5430, -14.1700, 14.5180

Previews

White Background



This preview shows how the YIQ color 206.0280, 28.0190, -28.7250 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 206.0280, 28.0190, -28.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

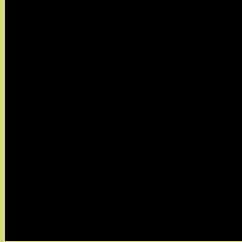
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.0280, 28.0190, -28.7250

Background



This preview shows how black text looks on a background with the YIQ color 206.0280, 28.0190, -28.7250.



This preview shows how white text looks on a background with the YIQ color 206.0280, 28.0190,

-28.7250.

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

206.0280, 28.0190, -28.7250

Protanopia

207.9480, 40.1680, -23.1280

Deuteranopia

209.8670, 54.0580, -10.5340



Tritanopia

213.8040, 6.7840, 9.2160

Trichromacy



Original Color

206.0280, 28.0190, -28.7250

Protanomaly

207.4420, 35.7210, -25.1350

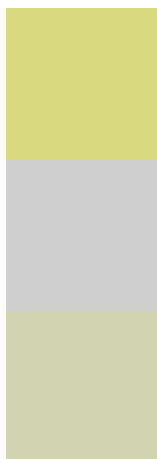
Deuteranomaly

208.0890, 44.3850, -16.9510

Tritanomaly

210.9660, 14.5350, -4.6090

Monochromacy



Original Color

206.0280, 28.0190, -28.7250

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9390, 9.9970, -10.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.0280, 28.0190, -28.7250 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(215, 217, 126)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 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(215, 217, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 126) }
```

Border

The CSS property to change the border of an element to YIQ 206.0280, 28.0190, -28.7250 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(215, 217, 126) }
```


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

```
.border{ border-color:rgb(215, 217, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 126);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 206.0280, 28.0190, -28.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 126) }
```

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

```
.background{ background-color: rgb(215,  
217, 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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