

Converting Colors

YIQ(200.5910, 28.2920,
-17.1480)

Have a look what the booklet for
YIQ(200.5910, 28.2920, -17.1480)
contains.

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Color

**YIQ(200.5910, 28.2920,
-17.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CC8C
RGB	217, 204, 140
RGB Percent	85%, 80%, 55%
CMY	0.1490, 0.2000, 0.4508
CMYK	0.00, 0.06, 0.35, 0.15
HSL	50°, 50%, 70%
HSV	50°, 35%, 85%
XYZ	54.9428, 59.8291, 33.4793
YIQ	200.5910, 28.2920, -17.1480

Conversions

Conversions Part 2

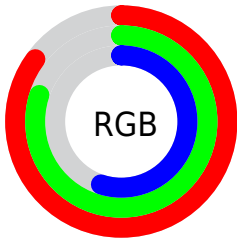
Format	Color
RYB	156, 217, 140
Decimal	14273676
CIELab	81.75, -4.80, 33.54
CIELCh	82, 33.878, 98.151
Yxy	59.8291, 0.3706, 0.4036
Android (android.graphics.Color)	4292463756 (0xFFD9CC8C)
YUV	200.5910, -29.8714, 14.3907
Hunter-Lab	77.3493, -8.5689, 28.4818

Details

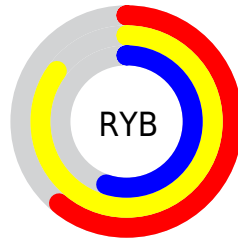
The YIQ color $200.5910, 28.2920, -17.1480$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $156.4090, -28.2920, 17.1480$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $146.3350, 26.1370, -16.6390$ is the 20% darker color. If you saturate the color by 10%, you get $195.7350, 36.4540, -21.8980$, and if you desaturate by 10%, it is $205.4470, 20.1300, -12.3980$.

Distribution



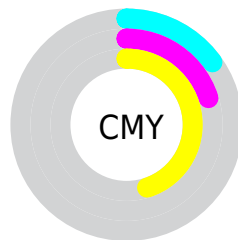
- Red (85%)
- Green (80%)
- Blue (55%)



- Red (61%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5910, 28.2920, -17.1480 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 200.5910, 28.2920, -17.1480 by changing the saturation by 10% instead.

■ 200.5910, 28.2920,
-17.1480

■ 200.5910, 28.2920,
-17.1480

255.0000, -0.0000,
-0.0000

■ 173.4060, 27.3750,
-17.0490

■ 248.0460, 19.5810,
-18.9710

■ 146.3350, 26.1370,
-16.6390

■ 251.2380, 10.5930,
-10.2630

■ 120.2640, 24.8990,
-16.2290

■ 254.5440, 1.2840,
-1.2440

■ 95.0790, 23.9820,
-16.1300

■ 71.1820, 22.1940,
-16.7660

■ 48.4530, 19.9930,
-15.4230

■ 28.9500, 11.4640,

-9.5280

■ 5.8700, -2.7500,
-5.2300

■ 0.0000, 0.0000,
0.0000

■ 200.5910, 28.2920,
-17.1480

■ 200.5910, 28.2920,
-17.1480

■ 195.7350, 36.4540,
-21.8980

■ 205.4470, 20.1300,
-12.3980

■ 191.5800, 44.0200,
-26.8600

■ 209.6020, 12.5640,
-7.4360

■ 186.7240, 52.1820,
-31.6100

■ 214.4580, 4.4020,
-2.6860

■ 181.8680, 60.3440,
-36.3600

■ 219.3140, -3.7600,
2.0640

■ 177.7130, 67.9100,
-41.3220

■ 223.5830,
-11.6470, 7.3370

■ 172.8570, 76.0720,
-46.0720

■ 226.6150,
-14.6730, 7.1110

■ 170.5430, 79.8320,
-48.1360

■ 228.9630,
-15.7730, 5.0190

■ 230.7240,
-16.5980, 3.4500

■ 233.0720,
-17.6980, 1.3580

Harmonies

Analogous

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



203.3750, 46.9960, -3.6920



200.5910, 28.2920, -17.1480



196.7770, 1.1050, -25.5430

Triad

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



200.5910, 28.2920, -17.1480



186.5250, -76.7940, -17.9620



208.4620, 26.0830, 28.4110

Complementary

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



200.5910, 28.2920, -17.1480



156.4090, -28.2920, 17.1480

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.



207.0270, -3.4890, 24.6950



200.5910, 28.2920, -17.1480



192.6720, -63.5460, -4.7460

Square

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



200.5910, 28.2920, -17.1480



187.5680, -61.1580, -26.0060



200.5560, -33.3800, 10.2360



204.2490, 39.5640, 20.8760

Rectangle

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



200.5910, 28.2920, -17.1480



193.5880, -20.3520, -27.6480



200.5560, -33.3800, 10.2360



207.9710, 17.2800, 28.2560

Sweetspot

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



200.5910, 28.2920, -17.1480



248.8730, 10.3630, -6.0930



164.6190, 41.3980, 20.6780



124.3010, 6.2820, -3.7180



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.



200.5910, 28.2920, -17.1480



231.3070, 40.5350, -24.2730



201.0460, 10.4130, -29.0350



107.5720, 4.0810, -2.3750



136.2550, 63.5080, -38.6360



36.0600, 16.9660, -10.1220

Inverse Universe

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



156.4090, -28.2920, 17.1480



168.6930, -40.5350, 24.2730



155.9540, -10.4130, 29.0350



101.4280, -4.0810, 2.3750



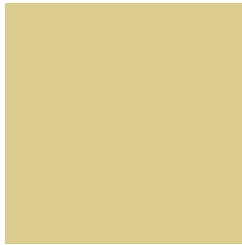
36.7450, -63.5080, 38.6360



9.9400, -16.9660, 10.1220

Previews

White Background



This preview shows how the YIQ color 200.5910, 28.2920, -17.1480 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 200.5910, 28.2920, -17.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

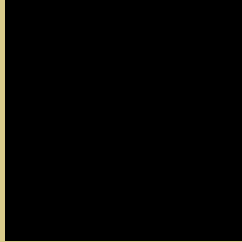
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

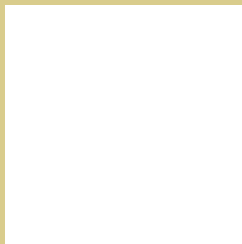
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.5910, 28.2920, -17.1480

Background



This preview shows how black text looks on a background with the YIQ color 200.5910, 28.2920, -17.1480.



This preview shows how white text looks on a background with the YIQ color 200.5910, 28.2920,

-17.1480.

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

200.5910, 28.2920, -17.1480

Protanopia

200.9010, 30.3550, -15.9890

Deuteranopia

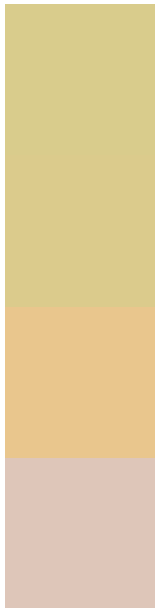
203.0110, 45.0250, -6.5190



Tritanopia

205.6800, 13.0650, 11.0250

Trichromacy



Original Color

200.5910, 28.2920, -17.1480

Protanomaly

200.6020, 29.7590, -16.2010

Deuteranomaly

201.9670, 39.1570, -10.3070

Tritanomaly

203.6940, 18.4770, 1.0450

Monochromacy



Original Color

200.5910, 28.2920, -17.1480

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5910, 28.2920, -17.1480 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(217, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 140)  
}
```

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(217, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 140) }
```

Border

The CSS property to change the border of an element to YIQ 200.5910, 28.2920, -17.1480 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(217, 204, 140) }
```


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

```
.border{ border-color:rgb(217, 204, 140) }
```

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

Here you see how a box with a 4 pixel rgb(217, 204, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5910, 28.2920, -17.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 140) }
```

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

```
.background{ background-color: rgb(217,  
204, 140) }
```

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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