

Converting Colors

YIQ(217.5650, 4.8180, -21.2460)

Have a look what the booklet for
YIQ(217.5650, 4.8180, -21.2460)
contains.

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Color

**YIQ(217.5650, 4.8180,
-21.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E6B0
RGB	209, 230, 176
RGB Percent	82%, 90%, 69%
CMY	0.1805, 0.0980, 0.3097
CMYK	0.09, 0.00, 0.23, 0.10
HSL	83°, 52%, 80%
HSV	83°, 23%, 90%
XYZ	62.4257, 73.2859, 51.9378
YIQ	217.5650, 4.8180, -21.2460

Conversions

Conversions Part 2

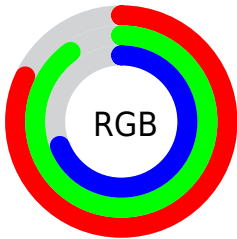
Format	Color
RYB	176, 230, 197
Decimal	13756080
CIELab	88.58, -16.17, 24.05
CIElCh	89, 28.980, 123.917
Yxy	73.2859, 0.3327, 0.3905
Android (android.graphics.Color)	4291946160 (0xFFD1E6B0)
YUV	217.5650, -20.4915, -7.5115
Hunter-Lab	85.6072, -19.6483, 23.9538

Details

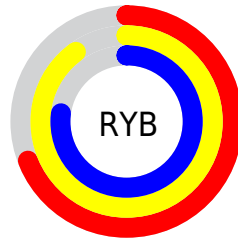
The YIQ color $217.5650, 4.8180, -21.2460$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.4350, -4.8180, 21.2460$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $162.2060, 4.4510, -20.1010$ is the 20% darker color. If you saturate the color by 10%, you get $212.2520, 6.8370, -30.3070$, and if you desaturate by 10%, it is $222.8780, 2.7990, -12.1850$.

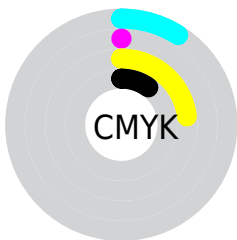
Distribution



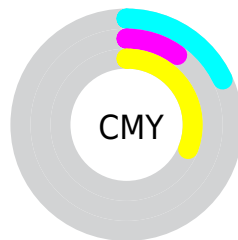
- Red (82%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5650, 4.8180, -21.2460 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 217.5650, 4.8180, -21.2460 by changing the saturation by 10% instead.

■ 217.5650, 4.8180,
-21.2460

■ 217.5650, 4.8180,
-21.2460

255.0000, -0.0000,
-0.0000

■ 189.6790, 4.4970,
-20.9350

■ 252.3780, 7.3830,
-7.1530

■ 162.2060, 4.4510,
-20.1010

■ 136.3200, 4.1300,
-19.7900

■ 110.5480, 3.4880,
-19.1680

■ 86.0750, 3.4420,
-18.3340

■ 62.1890, 3.1210,
-18.0230

■ 40.0750, 3.4420,

-18.3340

■ 19.4040, -4.6740,
-14.4180

■ 0.0000, 0.0000,
0.0000

■ 217.5650, 4.8180,
-21.2460

■ 217.5650, 4.8180,
-21.2460

■ 212.2520, 6.8370,
-30.3070

■ 222.8780, 2.7990,
-12.1850

■ 206.9390, 8.8560,
-39.3680

■ 228.1910, 0.7800,
-3.1240

■ 201.6260, 10.8750,
-48.4290

■ 233.5040, -1.2390,
5.9370

■ 196.3130, 12.8940,
-57.4900

■ 237.3350, 0.9150,
10.9550

■ 191.0000, 14.9130,
-66.5510

■ 240.0260, 6.2790,
12.8630

■ 185.6870, 16.9320,
-75.6120

■ 240.3250, 6.8750,
13.0750

■ 180.3740, 18.9510,
-84.6730

■ 176.8700, 20.1900,
-90.6100

Harmonies

Analogous

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



220.8130, 27.7870, -13.5010



217.5650, 4.8180, -21.2460



214.2120, -22.0490, -24.4250

Triad

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



217.5650, 4.8180, -21.2460



212.7950, -50.8910, -8.3230



219.8990, 25.8100, 16.8340

Complementary

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



217.5650, 4.8180, -21.2460



188.4350, -4.8180, 21.2460

Split Complementary

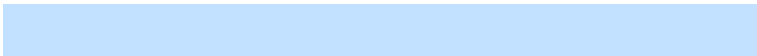
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.3250, 16.0430, 23.1390



217.5650, 4.8180, -21.2460



218.5640, -27.8310, 3.2810

Square

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



217.5650, 4.8180, -21.2460



210.6040, -60.8390, -15.2630



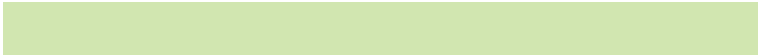
224.0560, -2.4330, 16.5670



218.5820, 33.6520, 6.8680

Rectangle

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



217.5650, 4.8180, -21.2460



211.8710, -40.0220, -23.5900



224.0560, -2.4330, 16.5670



221.5120, 22.6460, 19.1100

Sweetspot

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



217.5650, 4.8180, -21.2460



250.8550, 1.6060, -7.0820



204.4730, 26.4090, 0.4650



125.5500, 1.1470, -4.2690



0.0000, 0.0000, 0.0000



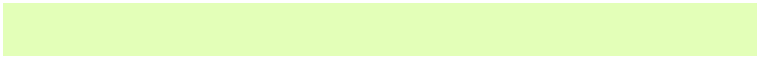
128.0000, -0.0000, -0.0000

Same Dimension

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



217.5650, 4.8180, -21.2460



238.5340, 6.1030, -28.0170



209.4920, -11.2740, -26.9700



112.1370, 0.8720, -4.7920



137.6640, 15.7390, -70.5090



39.2060, 4.4510, -20.1010

Inverse Universe

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



188.4350, -4.8180, 21.2460



200.1670, -6.6990, 27.8050



196.5080, 11.2740, 26.9700



105.8630, -0.8720, 4.7920



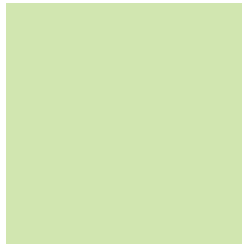
41.3360, -15.7390, 70.5090



11.7940, -4.4510, 20.1010

Previews

White Background



This preview shows how the YIQ color 217.5650, 4.8180, -21.2460 looks on a white background.

Color Contrast Check

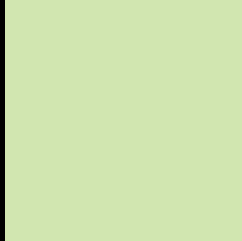
Large Text (above 18pt) WCAG AA × Fail

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 217.5650, 4.8180, -21.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

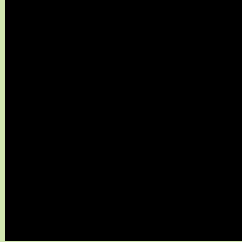
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.5650, 4.8180, -21.2460

Background



This preview shows how black text looks on a background with the YIQ color 217.5650, 4.8180, -21.2460.



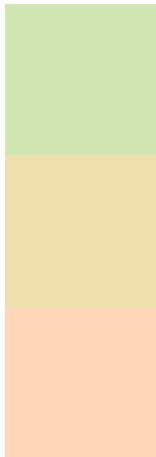
This preview shows how white text looks on a background with the YIQ color 217.5650, 4.8180,

-21.2460.

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

217.5650, 4.8180, -21.2460

Protanopia

220.7850, 24.9900, -12.3700

Deuteranopia

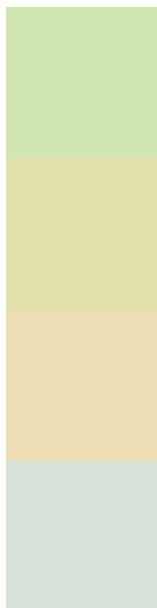
222.8390, 34.0660, -0.6380



Tritanopia

222.7420, -7.8410, 4.4390

Trichromacy



Original Color

217.5650, 4.8180, -21.2460

Protanomaly

219.6700, 17.8840, -15.7480

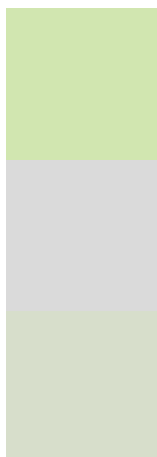
Deuteranomaly

220.9360, 23.2470, -8.3130

Tritanomaly

220.9840, -3.0710, -4.9190

Monochromacy



Original Color

217.5650, 4.8180, -21.2460

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7410, 1.9270, -7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5650, 4.8180, -21.2460 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(209, 230, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 176)  
}
```

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(209, 230, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 176) }
```

Border

The CSS property to change the border of an element to YIQ 217.5650, 4.8180, -21.2460 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(209, 230, 176) }
```


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

```
.border{ border-color:rgb(209, 230, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 217.5650, 4.8180, -21.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 176) }
```

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

```
.background{ background-color: rgb(209,  
230, 176) }
```

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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