

Converting Colors

YIQ(208.4140, 15.7290,
-15.2390)

Have a look what the booklet for
YIQ(208.4140, 15.7290, -15.2390)
contains.

YIQ(208.4140, 15.7290, -15.2390)	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(208.4140, 15.7290,
-15.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D6A5
RGB	214, 214, 165
RGB Percent	84%, 84%, 65%
CMY	0.1608, 0.1608, 0.3528
CMYK	0.00, 0.00, 0.23, 0.16
HSL	60°, 37%, 74%
HSV	60°, 23%, 84%
XYZ	58.5697, 65.1056, 45.0892
YIQ	208.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

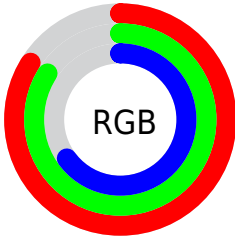
Format	Color
RYB	165, 214, 165
Decimal	14079653
CIELab	84.54, -7.87, 24.27
CIELCh	85, 25.513, 107.971
Yxy	65.1056, 0.3470, 0.3858
Android (android.graphics.Color)	4292269733 (0xFFD6D6A5)
YUV	208.4140, -21.4031, 4.8989
Hunter-Lab	80.6880, -11.6348, 23.3498

Details

The YIQ color $208.4140, 15.7290, -15.2390$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $170.5860, -15.7290, 15.2390$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, 11.2350, -10.8850$, and $153.7560, 14.7660, -14.3060$ is the 20% darker color. If you saturate the color by 10%, you get $206.0200, 22.4700, -21.7700$, and if you desaturate by 10%, it is $210.8080, 8.9880, -8.7080$.

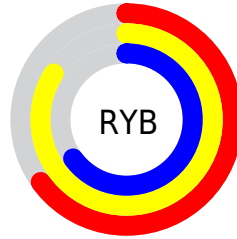
Distribution



Red (84%)

Green (84%)

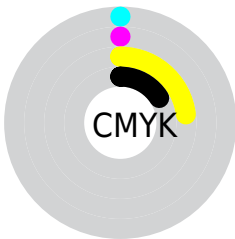
Blue (65%)



Red (65%)

Yellow (84%)

Blue (65%)

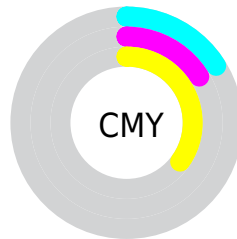


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.4140, 15.7290, -15.2390 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 208.4140, 15.7290, -15.2390 by changing the saturation by 10% instead.

■ 208.4140, 15.7290,
-15.2390

■ 208.4140, 15.7290,
-15.2390

255.0000, -0.0000,
-0.0000

■ 180.6420, 15.0870,
-14.6170

■ 251.0100, 11.2350,
-10.8850

■ 153.7560, 14.7660,
-14.3060

■ 254.3160, 1.9260,
-1.8660

■ 127.5710, 13.8490,
-14.2070

■ 102.6850, 13.5280,
-13.8960

■ 78.6140, 12.2900,
-13.4860

■ 55.4290, 11.3730,
-13.3870

■ 33.9560, 11.3270,

-12.5530

■ 12.6480, -2.2450,
-8.8770

■ 0.0000, 0.0000,
0.0000

■ 208.4140, 15.7290,
-15.2390

■ 208.4140, 15.7290,
-15.2390

■ 206.0200, 22.4700,
-21.7700

■ 210.8080, 8.9880,
-8.7080

■ 203.5120, 29.5320,
-28.6120

■ 213.3160, 1.9260,
-1.8660

■ 201.1180, 36.2730,
-35.1430

■ 215.7100, -4.8150,
4.6650

■ 198.6100, 43.3350,
-41.9850

■ 218.2180,
-11.8770, 11.5070

■ 196.2160, 50.0760,
-48.5160

■ 218.6740,
-13.1610, 12.7510

■ 193.8220, 56.8170,
-55.0470

■ 191.3140, 63.8790,
-61.8890

■ 189.6040, 68.6940,
-66.5540

Harmonies

Analogous

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



210.7800, 32.5540, -6.2780



208.4140, 15.7290, -15.2390



205.0460, -6.7820, -20.2700

Triad

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



208.4140, 15.7290, -15.2390



202.6100, -51.8080, -8.2240



215.4200, 25.9010, 20.6930

Complementary

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



208.4140, 15.7290, -15.2390



170.5860, -15.7290, 15.2390

Split Complementary

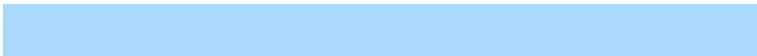
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214.4700, 5.2690, 20.1570



208.4140, 15.7290, -15.2390



206.6920, -39.9350, 2.3770

Square

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



208.4140, 15.7290, -15.2390



201.0800, -47.6800, -16.9600



211.5640, -18.6630, 13.3450



212.5810, 35.3930, 13.8650

Rectangle

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



208.4140, 15.7290, -15.2390



203.3200, -22.2330, -21.0890



211.5640, -18.6630, 13.3450



215.4240, 20.0780, 21.5980

Sweetspot

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



208.4140, 15.7290, -15.2390



252.9480, 5.7780, -5.5980



179.6510, 29.2040, 10.3880



126.4470, 2.9350, -3.6330



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.



208.4140, 15.7290, -15.2390



247.1340, 22.1490, -21.4590



201.2380, 1.4250, -20.3270



105.7460, 3.5310, -3.4210



151.5060, 54.8910, -53.1810



38.0980, 13.8030, -13.3730

Inverse Universe

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



170.5860, -15.7290, 15.2390



193.8660, -22.1490, 21.4590



178.0610, -0.8290, 20.5390



97.2540, -3.5310, 3.4210



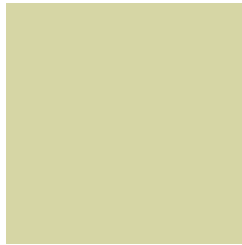
19.4940, -54.8910, 53.1810



4.9020, -13.8030, 13.3730

Previews

White Background



This preview shows how the YIQ color 208.4140, 15.7290, -15.2390 looks on a white background.

Color Contrast Check

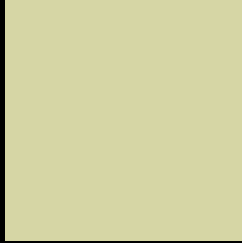
Large Text (above 18pt) WCAG AA × Fail

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 208.4140, 15.7290, -15.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

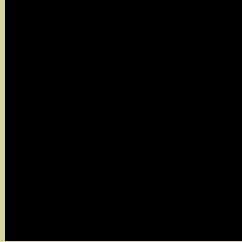
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

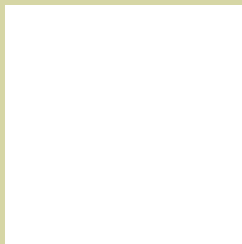
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.4140, 15.7290, -15.2390

Background



This preview shows how black text looks on a background with the YIQ color 208.4140, 15.7290, -15.2390.



This preview shows how white text looks on a background with the YIQ color 208.4140, 15.7290, -15.2390.

-15.2390.

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

208.4140, 15.7290, -15.2390

Protanopia

209.7140, 23.7520, -11.9600

Deuteranopia

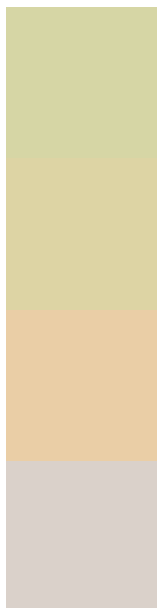
211.1660, 37.4590, -1.5570



Tritanopia

212.4230, 3.4830, 8.4670

Trichromacy



Original Color

208.4140, 15.7290, -15.2390

Protanomaly

209.2190, 20.7720, -13.0200

Deuteranomaly

209.8120, 29.5280, -6.5040

Tritanomaly

210.8930, 7.6110, -0.2690

Monochromacy



Original Color

208.4140, 15.7290, -15.2390

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.4140, 15.7290, -15.2390 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(214, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 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(214, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 165) }
```

Border

The CSS property to change the border of an element to YIQ 208.4140, 15.7290, -15.2390 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(214, 214, 165) }
```


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

```
.border{ border-color:rgb(214, 214, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 208.4140, 15.7290, -15.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 165) }
```

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

```
.background{ background-color: rgb(214,  
214, 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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