

Converting Colors

YIQ(207.8390, 15.7300,
-20.7660)

Have a look what the booklet for
YIQ(207.8390, 15.7300, -20.7660)
contains.

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Color

**YIQ(207.8390, 15.7300,
-20.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D99B
RGB	210, 217, 155
RGB Percent	82%, 85%, 61%
CMY	0.1765, 0.1490, 0.3920
CMYK	0.03, 0.00, 0.29, 0.15
HSL	67°, 45%, 73%
HSV	67°, 29%, 85%
XYZ	57.3067, 65.6942, 40.6826
YIQ	207.8390, 15.7300, -20.7660

Conversions

Conversions Part 2

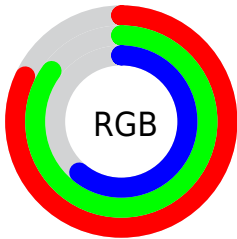
Format	Color
RYB	155, 217, 162
Decimal	13818267
CIELab	84.84, -12.25, 29.81
CIELCh	85, 32.233, 112.345
Yxy	65.6942, 0.3501, 0.4013
Android (android.graphics.Color)	4292008347 (0xFFD2D99B)
YUV	207.8390, -26.0496, 1.8952
Hunter-Lab	81.0520, -15.6350, 26.9768

Details

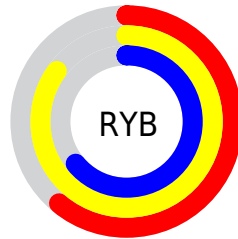
The YIQ color $207.8390, 15.7300, -20.7660$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $164.1610, -15.7300, 20.7660$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $153.1810, 14.7670, -19.8330$ is the 20% darker color. If you saturate the color by 10%, you get $204.7330, 21.6000, -28.0320$, and if you desaturate by 10%, it is $210.9450, 9.8600, -13.5000$.

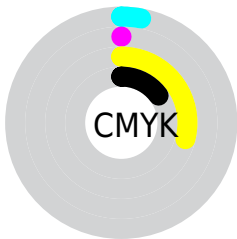
Distribution



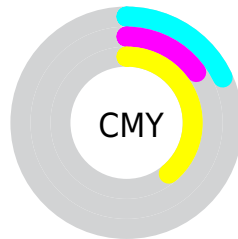
- Red (82%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.8390, 15.7300, -20.7660 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 207.8390, 15.7300, -20.7660 by changing the saturation by 10% instead.

■ 207.8390, 15.7300,
-20.7660

■ 207.8390, 15.7300,
-20.7660

■ 255.0000, -0.0000,
-0.0000

■ 180.0670, 15.0880,
-20.1440

■ 249.8700, 14.4450,
-13.9950

■ 153.1810, 14.7670,
-19.8330

■ 253.0620, 5.4570,
-5.2870

■ 127.1100, 13.5290,
-19.4230

■ 102.2240, 13.2080,
-19.1120

■ 77.4520, 12.5660,
-18.4900

■ 54.0390, 12.2910,
-19.0130

■ 33.6350, 7.7970,

-14.6590

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 207.8390, 15.7300,
-20.7660

■ 207.8390, 15.7300,
-20.7660

■ 204.7330, 21.6000,
-28.0320

■ 210.9450, 9.8600,
-13.5000

■ 201.4420, 26.5530,
-35.1990

■ 214.2360, 4.9070,
-6.3330

■ 198.3360, 32.4230,
-42.4650

■ 217.3420, -0.9630,
0.9330

■ 194.9310, 37.6970,
-49.9430

■ 220.7470, -6.2370,
8.4110

■ 191.9390, 43.2460,
-56.8980

■ 222.8270, -9.2180,
12.8780

■ 188.5340, 48.5200,
-64.3760

■ 223.7240, -7.4300,
13.5140

■ 185.4280, 54.3900,
-71.6420

■ 224.3220, -6.2380,
13.9380

■ 184.7870, 54.7570,
-72.7870

■ 225.2190, -4.4500,
14.5740

■ 225.8170, -3.2580,
14.9980

Harmonies

Analogous

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



210.8960, 37.9190, -9.8970



207.8390, 15.7300, -20.7660



203.6490, -13.1540, -25.9380

Triad

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



207.8390, 15.7300, -20.7660



199.1180, -68.0380, -11.4460



212.9690, 28.7890, 23.4210

Complementary

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



207.8390, 15.7300, -20.7660



164.1610, -15.7300, 20.7660

Split Complementary

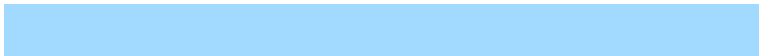
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.6820, 10.7240, 25.9240



207.8390, 15.7300, -20.7660



204.8870, -44.9780, 0.1580

Square

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



207.8390, 15.7300, -20.7660



196.9790, -66.5690, -21.5530



212.1730, -16.0040, 14.7160



209.4350, 38.7400, 13.7800

Rectangle

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



207.8390, 15.7300, -20.7660



200.5850, -33.4650, -26.7850



212.1730, -16.0040, 14.7160



215.2830, 25.0290, 25.4850

Sweetspot

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



207.8390, 15.7300, -20.7660



251.4810, 5.5950, -7.7890



177.0600, 35.3020, 10.0060



125.6920, 3.6230, -5.0890



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.



207.8390, 15.7300, -20.7660



242.0920, 21.9670, -29.1770



198.8690, -2.1500, -27.1260



108.1480, 2.3390, -3.8450



147.5970, 44.2090, -57.8310



39.2610, 11.7860, -15.3660

Inverse Universe

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



164.1610, -15.7300, 20.7660



180.9080, -21.9670, 29.1770



173.1310, 2.1500, 27.1260



100.5530, -2.9350, 3.6330



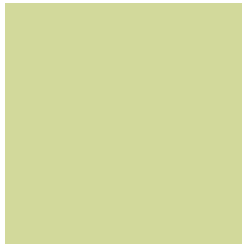
25.7020, -43.6130, 58.0430



6.7390, -11.7860, 15.3660

Previews

White Background



This preview shows how the YIQ color 207.8390, 15.7300, -20.7660 looks on a white background.

Color Contrast Check

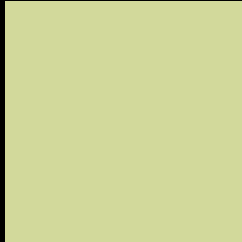
Large Text (above 18pt) WCAG AA × Fail

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 207.8390, 15.7300, -20.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

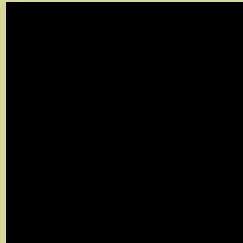
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

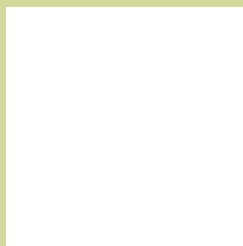
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 207.8390, 15.7300, -20.7660

Background



This preview shows how black text looks on a background with the YIQ color 207.8390, 15.7300, -20.7660.



This preview shows how white text looks on a background with the YIQ color 207.8390, 15.7300, -20.7660.

-20.7660.

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

207.8390, 15.7300, -20.7660

Protanopia

209.4710, 28.7500, -14.4340

Deuteranopia

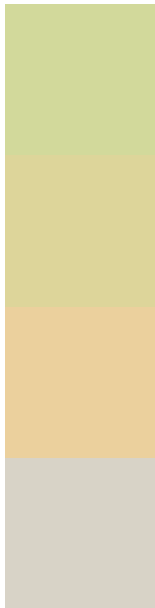
211.9230, 42.4570, -4.0310



Tritanopia

213.1130, 1.4200, 7.3080

Trichromacy



Original Color

207.8390, 15.7300, -20.7660

Protanomaly

208.6660, 23.7070, -16.6530

Deuteranomaly

210.2590, 32.4630, -10.1370

Tritanomaly

211.1270, 6.8320, -2.6720

Monochromacy



Original Color

207.8390, 15.7300, -20.7660

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.8940, 5.8700, -7.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.8390, 15.7300, -20.7660 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(210, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 155)  
}
```

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(210, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 155) }
```

Border

The CSS property to change the border of an element to YIQ 207.8390, 15.7300, -20.7660 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(210, 217, 155) }
```


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

```
.border{ border-color:rgb(210, 217, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 207.8390, 15.7300, -20.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 155) }
```

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

```
.background{ background-color: rgb(210,  
217, 155) }
```

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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