

Converting Colors

YIQ(208.7520, -5.7740,
-16.5100)

Have a look what the booklet for
YIQ(208.7520, -5.7740, -16.5100)
contains.

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Color

**YIQ(208.7520, -5.7740,
-16.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DDBB
RGB	193, 221, 187
RGB Percent	76%, 87%, 73%
CMY	0.2432, 0.1333, 0.2667
CMYK	0.13, 0.00, 0.15, 0.13
HSL	109°, 33%, 80%
HSV	109°, 15%, 87%
XYZ	56.8159, 66.6415, 56.8828
YIQ	208.7520, -5.7740, -16.5100

Conversions

Conversions Part 2

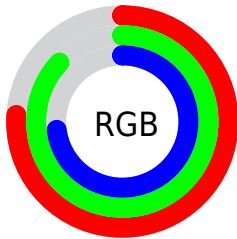
Format	Color
RYB	187, 221, 215
Decimal	12705211
CIELab	85.32, -15.54, 13.62
CIElCh	85, 20.663, 138.781
Yxy	66.6415, 0.3150, 0.3695
Android (android.graphics.Color)	4290895291 (0xFFC1DDBB)
YUV	208.7520, -10.7237, -13.8145
Hunter-Lab	81.6342, -18.6273, 15.8307

Details

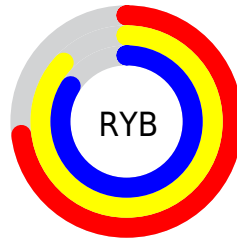
The YIQ color $208.7520, -5.7740, -16.5100$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $199.2480, 5.7740, 16.5100$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1370, 0.8720, -4.7920$, and $154.2790, -5.8200, -15.6760$ is the 20% darker color. If you saturate the color by 10%, you get $200.8620, -9.4400, -27.1680$, and if you desaturate by 10%, it is $216.6420, -2.1080, -5.8520$.

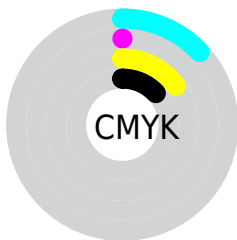
Distribution



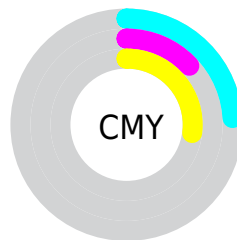
- Red (76%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.7520, -5.7740, -16.5100 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 208.7520, -5.7740, -16.5100 by changing the saturation by 10% instead.

 208.7520, -5.7740,
-16.5100


 208.7520, -5.7740,
-16.5100


255.0000, -0.0000,
-0.0000


 181.1650, -5.4990,
-15.9870


 252.1370, 0.8720,
-4.7920

 154.2790, -5.8200,
-15.6760

 127.6920, -5.5450,
-15.1530

 103.1050, -5.2700,
-14.6300

 78.6320, -5.3160,
-13.7960

 55.7460, -5.6370,
-13.4850

 34.1590, -5.3620,

-12.9620

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 208.7520, -5.7740,
-16.5100

■ 208.7520, -5.7740,
-16.5100

■ 200.8620, -9.4400,
-27.1680

■ 216.6420, -2.1080,
-5.8520

■ 192.9720,
-13.1060, -37.8260

■ 224.5320, 1.5580,
4.8060

■ 184.7830,
-17.3680, -48.6960

■ 232.7210, 5.8200,
15.6760

■ 176.8930,
-21.0340, -59.3540

■ 235.0420, 9.3500,
17.7820

■ 168.8890,
-24.3790, -70.3230

■ 160.9990,
-28.0450, -80.9810

■ 152.8100,
-32.3070, -91.8510

■ 144.9200,
-35.9730, -102.5090

■ 141.3880,
-37.5310, -107.3150

Harmonies

Analogous

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



211.1410, 12.2440, -12.6520



208.7520, -5.7740, -16.5100



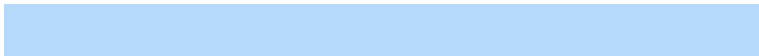
206.5850, -24.2970, -16.7210

Triad

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



208.7520, -5.7740, -16.5100



210.4110, -31.7740, 3.1540



216.2600, 31.8630, 11.7590

Complementary

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



208.7520, -5.7740, -16.5100



199.2480, 5.7740, 16.5100

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.



216.7460, 21.8670, 16.7070



208.7520, -5.7740, -16.5100



214.2500, -14.9030, 11.2810

Square

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



208.7520, -5.7740, -16.5100



207.2370, -40.3920, -5.8640



216.0630, 4.8570, 16.6090



215.0010, 33.7900, 4.3660

Rectangle

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



208.7520, -5.7740, -16.5100



205.9630, -34.1090, -15.1090



216.0630, 4.8570, 16.6090



217.0580, 29.6160, 13.9360

Sweetspot

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



208.7520, -5.7740, -16.5100



250.2290, -2.3830, -6.3750



213.6020, 12.5640, -7.4360



124.9950, -1.6040, -3.9720



0.0000, 0.0000, 0.0000



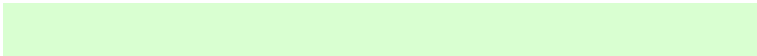
128.0000, -0.0000, -0.0000

Same Dimension

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



208.7520, -5.7740, -16.5100



238.3940, -7.8820, -22.3620



208.2120, -12.8810, -14.3610



106.0550, -1.8330, -5.3290



110.5210, -29.6950, -84.1190



29.3940, -7.8820, -22.3620

Inverse Universe

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



199.2480, 5.7740, 16.5100



225.6060, 7.8820, 22.3620



199.7880, 12.8810, 14.3610



102.9450, 1.8330, 5.3290



62.4790, 29.6950, 84.1190



16.6060, 7.8820, 22.3620

Previews

White Background



This preview shows how the YIQ color 208.7520, -5.7740, -16.5100 looks on a white background.

Color Contrast Check

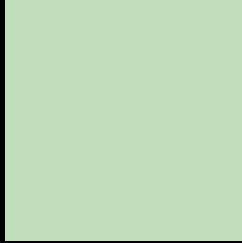
Large Text (above 18pt) WCAG AA × Fail

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 208.7520, -5.7740, -16.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

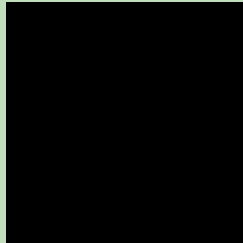
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

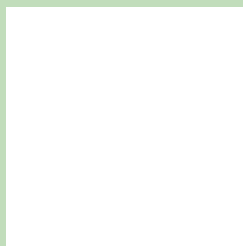
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.7520, -5.7740, -16.5100

Background



This preview shows how black text looks on a background with the YIQ color 208.7520, -5.7740, -16.5100.



This preview shows how white text looks on a background with the YIQ color 208.7520, -5.7740,

-16.5100.

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**

208.7520, -5.7740, -16.5100

Protanopia

212.2820, 16.4610, -6.4750

Deuteranopia

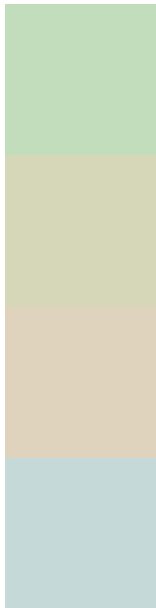
214.3530, 26.8670, 3.1790



Tritanopia

212.4530, -14.3970, 2.1070

Trichromacy



Original Color

208.7520, -5.7740, -16.5100

Protanomaly

210.8680, 8.7590, -10.0650

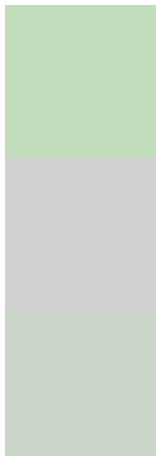
Deuteranomaly

212.3790, 14.8100, -4.0860

Tritanomaly

210.9060, -11.5990, -4.5510

Monochromacy



Original Color

208.7520, -5.7740, -16.5100

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6420, -2.1080, -5.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.7520, -5.7740, -16.5100 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(193, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(193, 221, 187)  
}
```

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(193, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 221, 187) }
```

Border

The CSS property to change the border of an element to YIQ 208.7520, -5.7740, -16.5100 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(193, 221, 187) }
```


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

```
.border{ border-color:rgb(193, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(193, 221,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 208.7520, -5.7740, -16.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 221, 187) }
```

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

```
.background{ background-color: rgb(193,  
221, 187) }
```

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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