

Converting Colors

YIQ(196.7610, 7.2020, -20.3980)

Have a look what the booklet for
YIQ(196.7610, 7.2020, -20.3980)
contains.

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Color

**YIQ(196.7610, 7.2020,
-20.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD09A
RGB	191, 208, 154
RGB Percent	75%, 82%, 60%
CMY	0.2511, 0.1843, 0.3960
CMYK	0.08, 0.00, 0.26, 0.18
HSL	79°, 36%, 71%
HSV	79°, 26%, 82%
XYZ	49.8729, 58.5228, 39.2471
YIQ	196.7610, 7.2020, -20.3980

Conversions

Conversions Part 2

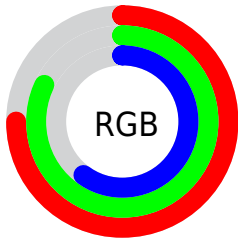
Format	Color
RYB	154, 208, 171
Decimal	12570778
CIELab	81.03, -14.94, 24.96
CIELCh	81, 29.086, 120.910
Yxy	58.5228, 0.3378, 0.3964
Android (android.graphics.Color)	4290760858 (0xFFBFD09A)
YUV	196.7610, -21.0812, -5.0524
Hunter-Lab	76.5002, -17.5054, 23.1324

Details

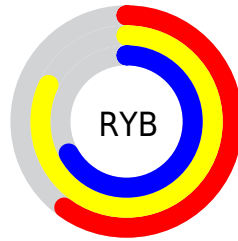
The YIQ color **196.7610, 7.2020, -20.3980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165.2390, -7.2020, 20.3980**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.6630, 10.5940, -15.7900**, and **142.9890, 6.5600, -19.7760** is the 20% darker color. If you saturate the color by 10%, you get **192.2740, 9.7710, -28.4130**, and if you desaturate by 10%, it is **201.2480, 4.6330, -12.3830**.

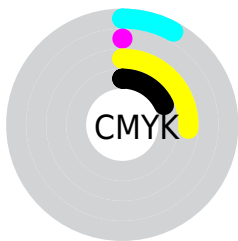
Distribution



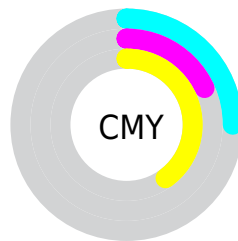
- Red (75%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7610, 7.2020, -20.3980 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 196.7610, 7.2020, -20.3980 by changing the saturation by 10% instead.

■ 196.7610, 7.2020,
-20.3980

■ 196.7610, 7.2020,
-20.3980

255.0000, -0.0000,
-0.0000

■ 169.2880, 7.1560,
-19.5640

■ 247.6630, 10.5940,
-15.7900

■ 143.1030, 6.2390,
-19.4650

■ 252.9480, 5.7780,
-5.5980

■ 117.2170, 5.9180,
-19.1540

■ 92.4450, 5.2760,
-18.5320

■ 68.5590, 4.9550,
-18.2210

■ 45.6730, 4.6340,
-17.9100

■ 25.6390, 1.9740,

-13.7540

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 196.7610, 7.2020,
-20.3980

■ 196.7610, 7.2020,
-20.3980

■ 192.2740, 9.7710,
-28.4130

■ 201.2480, 4.6330,
-12.3830

■ 188.0860, 12.9360,
-36.2160

■ 205.4360, 1.4680,
-4.5800

■ 183.7130, 15.1840,
-43.9200

■ 209.8090, -0.7800,
3.1240

■ 179.5250, 18.3490,
-51.7230

■ 213.9970, -3.9450,
10.9270

■ 175.0380, 20.9180,
-59.7380

■ 218.1420, -5.5510,
18.0090

■ 170.8500, 24.0830,
-67.5410

■ 219.9360, -1.9750,
19.2810

■ 166.3630, 26.6520,
-75.5560

■ 222.0290, 2.1970,
20.7650

■ 164.5540, 27.4320,
-78.6800

■ 223.8230, 5.7730,
22.0370

■ 225.9160, 9.9450,
23.5210

Harmonies

Analogous

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



199.9380, 28.9330, -12.2430



196.7610, 7.2020, -20.3980



193.2940, -19.3440, -23.8880

Triad

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



196.7610, 7.2020, -20.3980



192.4940, -57.1730, -4.6050



205.1070, 37.0880, 21.6960

Complementary

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



196.7610, 7.2020, -20.3980



165.2390, -7.2020, 20.3980

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.



206.0370, 16.9140, 23.8740



196.7610, 7.2020, -20.3980



198.7620, -36.9560, 8.9640

Square

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



196.7610, 7.2020, -20.3980



188.6640, -61.0680, -16.6200



204.0430, -9.5860, 19.5500



204.2030, 45.2050, 12.2530

Rectangle

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



196.7610, 7.2020, -20.3980



190.5400, -37.5920, -23.5760



204.0430, -9.5860, 19.5500



205.6380, 31.2190, 23.4350

Sweetspot

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



196.7610, 7.2020, -20.3980



250.9260, 2.8440, -7.4920



179.5380, 27.7840, 3.0800



125.0230, 1.1930, -5.1030



0.0000, 0.0000, 0.0000



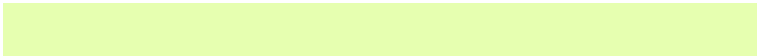
128.0000, -0.0000, -0.0000

Same Dimension

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



196.7610, 7.2020, -20.3980



238.5190, 10.4590, -29.8690



188.9870, -8.2940, -25.9100



102.5500, 1.1470, -4.2690



133.0010, 22.3400, -63.4840



32.4390, 5.4130, -15.5070

Inverse Universe

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



165.2390, -7.2020, 20.3980



192.4810, -10.4590, 29.8690



173.0130, 8.2940, 25.9100



96.1510, -1.7430, 4.0570



34.9990, -22.3400, 63.4840



8.5610, -5.4130, 15.5070

Previews

White Background



This preview shows how the YIQ color 196.7610, 7.2020, -20.3980 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 196.7610, 7.2020, -20.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

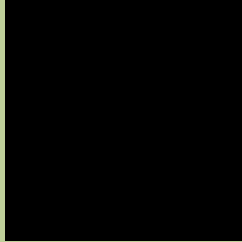
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

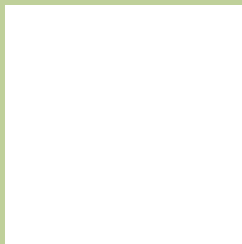
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.7610, 7.2020, -20.3980

Background



This preview shows how black text looks on a background with the YIQ color 196.7610, 7.2020, -20.3980.



This preview shows how white text looks on a background with the YIQ color 196.7610, 7.2020, -20.3980.

-20.3980.

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

196.7610, 7.2020, -20.3980

Protanopia

199.4860, 24.3940, -12.5820

Deuteranopia

201.4540, 36.5880, -2.2920



Tritanopia

201.8240, -5.1360, 4.9760

Trichromacy



Original Color

196.7610, 7.2020, -20.3980

Protanomaly

198.6700, 17.8840, -15.7480

Deuteranomaly

199.4910, 25.9980, -8.6100

Tritanomaly

200.0660, -0.3660, -4.3820

Monochromacy



Original Color

196.7610, 7.2020, -20.3980

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9260, 2.8440, -7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7610, 7.2020, -20.3980 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(191, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 154)  
}
```

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(191, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 154) }
```

Border

The CSS property to change the border of an element to YIQ 196.7610, 7.2020, -20.3980 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(191, 208, 154) }
```


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

```
.border{ border-color:rgb(191, 208, 154) }
```

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

Here you see how a box with a 4 pixel rgb(191, 208, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 154);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7610, 7.2020, -20.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 154) }
```

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

```
.background{ background-color: rgb(191,  
208, 154) }
```

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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