

Converting Colors

YIQ(204.3820, -7.6080,
-16.3120)

Have a look what the booklet for
YIQ(204.3820, -7.6080, -16.3120)
contains.

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Color

**YIQ(204.3820, -7.6080,
-16.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD9B9
RGB	187, 217, 185
RGB Percent	73%, 85%, 73%
CMY	0.2668, 0.1490, 0.2745
CMYK	0.14, 0.00, 0.15, 0.15
HSL	116°, 30%, 79%
HSV	116°, 15%, 85%
XYZ	54.0607, 63.6967, 55.3436
YIQ	204.3820, -7.6080, -16.3120

Conversions

Conversions Part 2

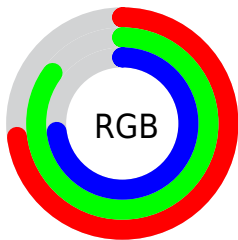
Format	Color
RYB	185, 217, 215
Decimal	12310969
CIELab	83.81, -15.93, 12.47
CIELCh	84, 20.234, 141.954
Yxy	63.6967, 0.3123, 0.3680
Android (android.graphics.Color)	4290501049 (0xFFBBD9B9)
YUV	204.3820, -9.5553, -15.2440
Hunter-Lab	79.8102, -18.7582, 14.7531

Details

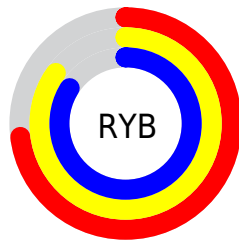
The YIQ color $204.3820, -7.6080, -16.3120$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $197.6180, 7.6080, 16.3120$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.8160, -2.6580, -6.8980$, and $150.2080, -7.0580, -15.2660$ is the 20% darker color. If you saturate the color by 10%, you get $195.8940, -12.4660, -27.3940$, and if you desaturate by 10%, it is $212.8700, -2.7500, -5.2300$.

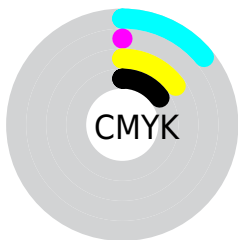
Distribution



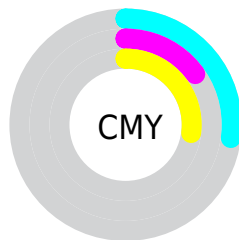
- Red (73%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3820, -7.6080, -16.3120 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 204.3820, -7.6080, -16.3120 by changing the saturation by 10% instead.

■ 204.3820, -7.6080,
-16.3120

■ 204.3820, -7.6080,
-16.3120

255.0000, -0.0000,
-0.0000

■ 176.7950, -7.3330,
-15.7890

■ 249.8160, -2.6580,
-6.8980

■ 149.9090, -7.6540,
-15.4780

■ 124.3220, -7.3790,
-14.9550

■ 98.7350, -7.1040,
-14.4320

■ 75.1480, -6.8290,
-13.9090

■ 52.2620, -7.1500,
-13.5980

■ 30.2020, -6.9210,

-12.2410

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 204.3820, -7.6080,
-16.3120

■ 204.3820, -7.6080,
-16.3120

■ 195.8940,
-12.4660, -27.3940

■ 212.8700, -2.7500,
-5.2300

■ 187.2210,
-18.2410, -38.3770

■ 221.5430, 3.0250,
5.7530

■ 178.7330,
-23.0990, -49.4590

■ 230.0310, 7.8830,
16.8350

■ 170.2450,
-27.9570, -60.5410

■ 232.6940, 10.4500,
19.8740

■ 161.4580,
-33.4110, -71.8350

■ 153.0840,
-38.5900, -82.6060

■ 144.2970,
-44.0440, -93.9000

■ 135.8090,
-48.9020, -104.9820

■ 131.2660,
-51.9270, -110.7350

Harmonies

Analogous

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



206.6570, 10.7310, -12.7650



204.3820, -7.6080, -16.3120



202.5140, -25.5350, -16.3110

Triad

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



204.3820, -7.6080, -16.3120



206.6070, -29.3900, 4.0020



211.8470, 31.5880, 11.2360

Complementary

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



204.3820, -7.6080, -16.3120



197.6180, 7.6080, 16.3120

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.



212.5180, 22.5090, 16.0850



204.3820, -7.6080, -16.3120



210.3320, -12.1980, 11.8180

Square

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



204.3820, -7.6080, -16.3120



203.2480, -38.9250, -4.9170



212.4330, 6.6910, 16.4110



210.5770, 32.0480, 2.8960

Rectangle

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



204.3820, -7.6080, -16.3120



201.6040, -34.4760, -13.9640



212.4330, 6.6910, 16.4110



212.5310, 29.6620, 13.1020

Sweetspot

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



204.3820, -7.6080, -16.3120



250.8700, -2.7500, -5.2300



212.1780, 10.8220, -8.9060



125.4080, -1.3290, -3.4490



0.0000, 0.0000, 0.0000



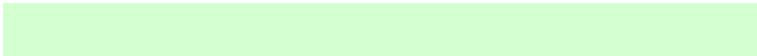
128.0000, -0.0000, -0.0000

Same Dimension

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



204.3820, -7.6080, -16.3120



236.8990, -10.8620, -23.4220



205.3800, -13.2940, -12.3820



105.4570, -3.0250, -5.7530



104.8400, -41.0190, -88.1470



27.8990, -10.8620, -23.4220

Inverse Universe

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



197.6180, 7.6080, 16.3120



227.1010, 10.8620, 23.4220



196.6200, 13.2940, 12.3820



103.2440, 2.4290, 5.5410



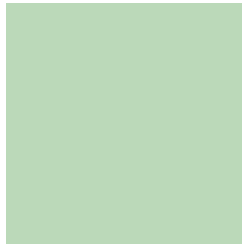
68.4590, 41.6150, 88.3590



18.1010, 10.8620, 23.4220

Previews

White Background



This preview shows how the YIQ color 204.3820, -7.6080, -16.3120 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 204.3820, -7.6080, -16.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

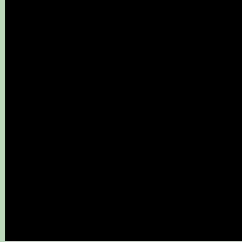
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

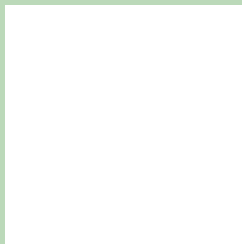
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.3820, -7.6080, -16.3120

Background



This preview shows how black text looks on a background with the YIQ color 204.3820, -7.6080, -16.3120.



This preview shows how white text looks on a background with the YIQ color 204.3820, -7.6080,

-16.3120.

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

204.3820, -7.6080, -16.3120

Protanopia

208.0970, 15.5440, -6.3760

Deuteranopia

209.9830, 25.0330, 3.3770



Tritanopia

207.8550, -15.5890, 1.6830

Trichromacy



Original Color

204.3820, -7.6080, -16.3120

Protanomaly

206.4980, 6.9250, -9.8670

Deuteranomaly

208.0090, 12.9760, -3.8880

Tritanomaly

206.3080, -12.7910, -4.9750

Monochromacy



Original Color

204.3820, -7.6080, -16.3120

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.3430, -2.7040, -6.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3820, -7.6080, -16.3120 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(187, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 185)  
}
```

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(187, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 185) }
```

Border

The CSS property to change the border of an element to YIQ 204.3820, -7.6080, -16.3120 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(187, 217, 185) }
```


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

```
.border{ border-color:rgb(187, 217, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3820, -7.6080, -16.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 185) }
```

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

```
.background{ background-color: rgb(187,  
217, 185) }
```

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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