

Converting Colors

YIQ(170.2810, 18.2020, 0.5220)

Have a look what the booklet for
YIQ(170.2810, 18.2020, 0.5220)
contains.

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Color

**YIQ(170.2810, 18.2020,
0.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA597
RGB	188, 165, 151
RGB Percent	74%, 65%, 59%
CMY	0.2627, 0.3530, 0.4078
CMYK	0.00, 0.12, 0.20, 0.26
HSL	23°, 22%, 66%
HSV	23°, 20%, 74%
XYZ	39.7829, 39.8347, 34.8793
YIQ	170.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

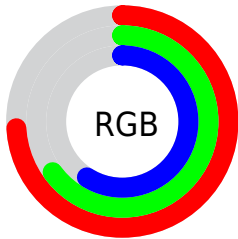
Format	Color
RYB	188, 174, 151
Decimal	12363159
CIELab	69.35, 6.12, 10.31
CIElCh	69, 11.991, 59.309
Yxy	39.8347, 0.3475, 0.3479
Android (android.graphics.Color)	4290553239 (0xFFBCA597)
YUV	170.2810, -9.5055, 15.5396
Hunter-Lab	63.1147, 2.0627, 11.4147

Details

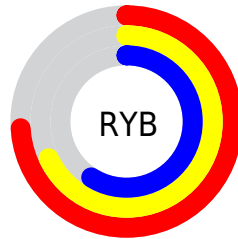
The YIQ color $170.2810, 18.2020, 0.5220$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $168.7190, -18.2020, -0.5220$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.7650, 19.7150, 0.6350$, and $117.7970, 16.6890, 0.4090$ is the 20% darker color. If you saturate the color by 10%, you get $161.0710, 27.6010, 0.8890$, and if you desaturate by 10%, it is $179.4910, 8.8030, 0.1550$.

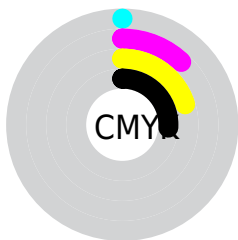
Distribution



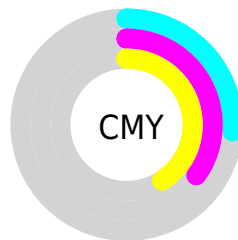
- Red (74%)
- Green (65%)
- Blue (59%)



- Red (74%)
- Yellow (68%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (26%)



- Cyan (26%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2810, 18.2020, 0.5220 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 170.2810, 18.2020, 0.5220 by changing the saturation by 10% instead.

■ 170.2810, 18.2020,
0.5220

■ 170.2810, 18.2020,
0.5220

■ 255.0000, -0.0000,
-0.0000

■ 143.9820, 17.6060,
0.3100

■ 225.7650, 19.7150,
0.6350

■ 117.7970, 16.6890,
0.4090

■ 248.3830, 8.9870,
-3.1810

■ 93.4980, 16.0930,
0.1970

■ 69.4270, 14.8550,
0.6070

■ 46.8290, 13.6630,
0.1830

■ 25.8890, 13.4340,
-1.1740

■ 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 170.2810, 18.2020,
0.5220

■ 170.2810, 18.2020,
0.5220

■ 161.0710, 27.6010,
0.8890

■ 179.4910, 8.8030,
0.1550

■ 152.4480, 36.7250,
0.7330

■ 188.1140, -0.3210,
0.3110

■ 143.3520, 45.8030,
1.4110

■ 197.2100, -9.3990,
-0.3670

■ 134.1420, 55.2020,
1.7780

■ 206.4200,
-18.7980, -0.7340

■ 124.9320, 64.6010,
2.1450

■ 215.0430,
-27.9220, -0.5780

■ 116.3090, 73.7250,
1.9890

■ 223.2270,
-34.4320, -3.7440

■ 107.0990, 83.1240,
2.3560

■ 230.2710,
-37.7320, -10.0200

■ 98.0030, 92.2020,
3.0340

■ 234.9670,
-39.9320, -14.2040

■ 97.8890, 92.5230,
2.7230

Harmonies

Analogous

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



171.5140, 19.1640, 5.1160



170.2810, 18.2020, 0.5220



169.0090, 12.9760, -3.8880

Triad

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



170.2810, 18.2020, 0.5220



165.9330, -16.2290, -8.7490



170.5900, -4.3570, 7.3790

Complementary

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



170.2810, 18.2020, 0.5220



168.7190, -18.2020, -0.5220

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.



168.8060, -13.8930, 3.9870



170.2810, 18.2020, 0.5220



165.7030, -21.2730, -5.4410

Square

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



170.2810, 18.2020, 0.5220



166.7830, -7.0590, -9.7390



166.6370, -20.9070, -1.0590



171.6190, 5.8670, 9.3150

Rectangle

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



170.2810, 18.2020, 0.5220



168.4920, 7.0620, -6.8420



166.6370, -20.9070, -1.0590



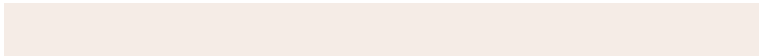
170.2090, -7.6580, 6.6300

Sweetspot

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



170.2810, 18.2020, 0.5220



238.0070, 7.2900, 0.0420



164.6850, 14.6690, 14.9970



118.1530, 3.9430, 0.1270



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



170.2810, 18.2020, 0.5220



216.5550, 29.1140, 1.0020



180.8470, 13.2520, -8.8920



89.4520, 4.5390, 0.3390



82.4620, 77.6680, 2.1160



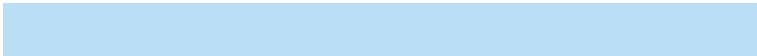
16.3130, 15.1760, 0.2960

Inverse Universe

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



168.7190, -18.2020, -0.5220



214.4450, -29.1140, -1.0020



158.1530, -13.2520, 8.8920



89.5480, -4.5390, -0.3390



75.5380, -77.6680, -2.1160



14.6870, -15.1760, -0.2960

Previews

White Background



This preview shows how the YIQ color 170.2810, 18.2020, 0.5220 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 170.2810, 18.2020, 0.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

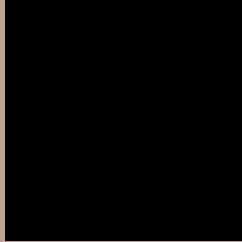
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2810, 18.2020, 0.5220

Background



This preview shows how black text looks on a background with the YIQ color 170.2810, 18.2020, 0.5220.



This preview shows how white text looks on a background with the YIQ color 170.2810, 18.2020,

0.5220.

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

170.2810, 18.2020, 0.5220

Protanopia

169.2690, 9.3080, -3.4920

Deuteranopia

170.3030, 21.1360, 2.4160



Tritanopia

172.0390, 13.4320, 9.8800

Trichromacy



Original Color

170.2810, 18.2020, 0.5220

Protanomaly

169.7640, 12.2880, -2.4320

Deuteranomaly

170.5910, 20.2650, 1.6810

Tritanomaly

171.4150, 15.1290, 6.6570

Monochromacy



Original Color

170.2810, 18.2020, 0.5220

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2810, 18.2020, 0.5220 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(188, 165, 151)` looks like.

```
.text, #text, p{  
    color:rgb(188, 165, 151)  
}
```

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(188, 165, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 165, 151) }
```

Border

The CSS property to change the border of an element to YIQ 170.2810, 18.2020, 0.5220 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(188, 165, 151) }
```


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

```
.border{ border-color:rgb(188, 165, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 165, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 165, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 165, 151);  
box-shadow:4px 4px 4px 4px rgb(188, 165,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2810, 18.2020, 0.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 165, 151) }
```

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

```
.background{ background-color: rgb(188,  
165, 151) }
```

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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