

Converting Colors

YIQ(163.1180, 20.2190, 2.5150)

Have a look what the booklet for
YIQ(163.1180, 20.2190, 2.5150)
contains.

YIQ(163.1180, 20.2190, 2.5150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(163.1180, 20.2190,
2.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	B89C91
RGB	184, 156, 145
RGB Percent	72%, 61%, 57%
CMY	0.2784, 0.3883, 0.4313
CMYK	0.00, 0.15, 0.21, 0.28
HSL	17°, 22%, 65%
HSV	17°, 21%, 72%
XYZ	36.7699, 36.0102, 31.8099
YIQ	163.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

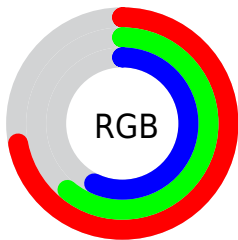
Format	Color
RYB	184, 160, 145
Decimal	12098705
CIELab	66.53, 8.60, 9.58
CIELCh	67, 12.875, 48.085
Yxy	36.0102, 0.3516, 0.3443
Android (android.graphics.Color)	4290288785 (0xFFB89C91)
YUV	163.1180, -8.9322, 18.3135
Hunter-Lab	60.0085, 4.3599, 10.5770

Details

The YIQ color **163.1180, 20.2190, 2.5150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.8820, -20.2190, -2.5150**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.3030, 21.1360, 2.4160**, and **111.3350, 18.1100, 2.1900** is the 20% darker color. If you saturate the color by 10%, you get **153.4350, 29.5720, 3.7160**, and if you desaturate by 10%, it is **172.8010, 10.8660, 1.3140**.

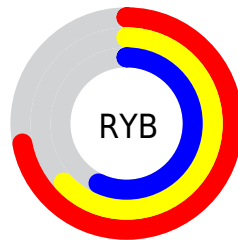
Distribution



Red (72%)

Green (61%)

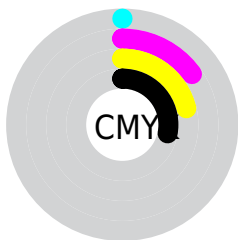
Blue (57%)



Red (72%)

Yellow (63%)

Blue (57%)

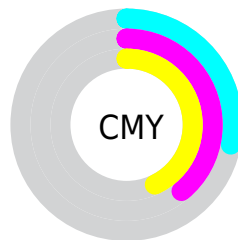


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1180, 20.2190, 2.5150 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 163.1180, 20.2190, 2.5150 by changing the saturation by 10% instead.

■ 163.1180, 20.2190,
2.5150

■ 163.1180, 20.2190,
2.5150

255.0000, -0.0000,
-0.0000

■ 136.8190, 19.6230,
2.3030

■ 217.7160, 21.4110,
2.9390

■ 111.3350, 18.1100,
2.1900

■ 242.4160, 13.3880,
-0.3400

■ 87.0360, 17.5140,
1.9780

■ 63.5520, 16.0010,
1.8650

■ 41.3670, 15.0840,
1.9640

■ 19.6830, 17.0100,
0.0980

■ 0.0000, 0.0000,

0.0000

■ 163.1180, 20.2190,
2.5150

■ 163.1180, 20.2190,
2.5150

■ 153.4350, 29.5720,
3.7160

■ 172.8010, 10.8660,
1.3140

■ 143.6380, 39.2460,
4.6060

■ 182.5980, 1.1920,
0.4240

■ 133.3680, 48.8740,
6.3300

■ 192.8680, -8.4360,
-1.3000

■ 123.5710, 58.5480,
7.2200

■ 202.6650,
-18.1100, -2.1900

■ 113.8880, 67.9010,
8.4210

■ 212.3480,
-27.4630, -3.3910

■ 104.2050, 77.2540,
9.6220

■ 222.0310,
-36.8160, -4.5920

■ 93.8210, 87.2030,
11.0350

■ 230.2490,
-40.6660, -11.9140

■ 85.5400, 95.3640,
11.8120

■ 233.7710,
-42.3160, -15.0520

Harmonies

Analogous

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



163.9810, 19.3470, 7.3070



163.1180, 20.2190, 2.5150



161.8030, 16.5520, -2.6160

Triad

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



163.1180, 20.2190, 2.5150



158.0750, -13.7530, -9.5690



162.1380, -8.8960, 7.0400

Complementary

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



163.1180, 20.2190, 2.5150



165.8820, -20.2190, -2.5150

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.



160.3000, -18.3400, 1.9800



163.1180, 20.2190, 2.5150



157.8230, -21.7310, -8.1550

Square

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



163.1180, 20.2190, 2.5150



158.9360, -3.1160, -9.6120



158.5010, -23.5200, -3.2640



163.7650, 2.5200, 9.4000

Rectangle

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



163.1180, 20.2190, 2.5150



161.1720, 10.9590, -5.8810



158.5010, -23.5200, -3.2640



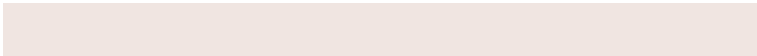
161.8170, -12.4260, 4.9340

Sweetspot

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



163.1180, 20.2190, 2.5150



231.8330, 7.8400, 1.0880



159.9670, 13.9350, 17.2870



115.4520, 4.5390, 0.3390



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



163.1180, 20.2190, 2.5150



207.9190, 31.0850, 3.8290



174.2710, 14.9940, -7.4220



86.8650, 4.8140, 0.8620



72.4720, 80.8760, 10.0600



13.0680, 14.4880, 1.7520

Inverse Universe

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



165.8820, -20.2190, -2.5150



212.0810, -31.0850, -3.8290



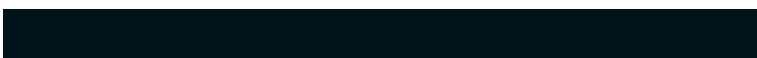
154.7290, -14.9940, 7.4220



87.5480, -4.5390, -0.3390



83.5280, -80.8760, -10.0600



14.9320, -14.4880, -1.7520

Previews

White Background



This preview shows how the YIQ color 163.1180, 20.2190, 2.5150 looks on a white background.

Color Contrast Check

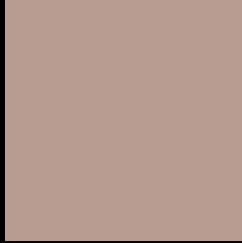
Large Text (above 18pt) WCAG AA × Fail

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 163.1180, 20.2190, 2.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

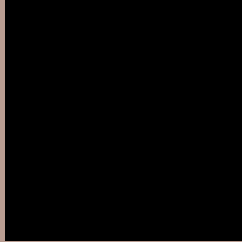
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.1180, 20.2190, 2.5150

Background



This preview shows how black text looks on a background with the YIQ color 163.1180, 20.2190, 2.5150.



This preview shows how white text looks on a background with the YIQ color 163.1180, 20.2190,

2.5150.

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

163.1180, 20.2190, 2.5150

Protanopia

161.6110, 8.3450, -2.5590

Deuteranopia

163.1180, 20.2190, 2.5150



Tritanopia

164.2350, 15.8160, 10.7280

Trichromacy



Original Color

163.1180, 20.2190, 2.5150

Protanomaly

162.1170, 12.7920, -0.5520

Deuteranomaly

163.1180, 20.2190, 2.5150

Tritanomaly

163.7250, 17.1920, 7.8160

Monochromacy



Original Color

163.1180, 20.2190, 2.5150

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1180, 20.2190, 2.5150 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(184, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 145)  
}
```

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(184, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 145) }
```

Border

The CSS property to change the border of an element to YIQ 163.1180, 20.2190, 2.5150 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(184, 156, 145) }
```


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

```
.border{ border-color:rgb(184, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1180, 20.2190, 2.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 145) }
```

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

```
.background{ background-color: rgb(184,  
156, 145) }
```

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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