

Converting Colors

YIQ(168.3220, 28.1520, -3.5920)

Have a look what the booklet for
YIQ(168.3220, 28.1520, -3.5920)
contains.

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Color

**YIQ(168.3220, 28.1520,
-3.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A383
RGB	193, 163, 131
RGB Percent	76%, 64%, 51%
CMY	0.2431, 0.3608, 0.4861
CMYK	0.00, 0.16, 0.32, 0.24
HSL	31°, 33%, 64%
HSV	31°, 32%, 76%
XYZ	39.1897, 39.1687, 26.9799
YIQ	168.3220, 28.1520, -3.5920

Conversions

Conversions Part 2

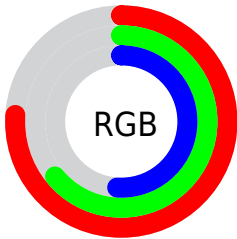
Format	Color
RYB	189, 193, 131
Decimal	12690307
CIELab	68.87, 6.31, 20.71
CIElCh	69, 21.655, 73.048
Yxy	39.1687, 0.3720, 0.3718
Android (android.graphics.Color)	4290880387 (0xFFC1A383)
YUV	168.3220, -18.3997, 21.6426
Hunter-Lab	62.5849, 2.2504, 18.2499

Details

The YIQ color **168.3220, 28.1520, -3.5920** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **155.6780, -28.1520, 3.5920**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.6920, 29.9860, -3.7900**, and **115.6530, 25.7220, -3.6060** is the 20% darker color. If you saturate the color by 10%, you get **160.8730, 36.7260, -4.7940**, and if you desaturate by 10%, it is **175.7710, 19.5780, -2.3900**.

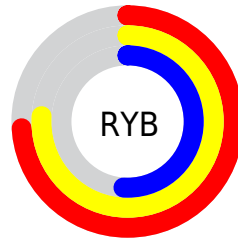
Distribution



Red (76%)

Green (64%)

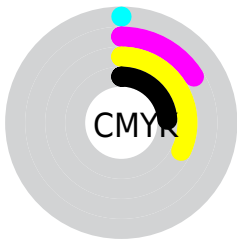
Blue (51%)



Red (74%)

Yellow (76%)

Blue (51%)

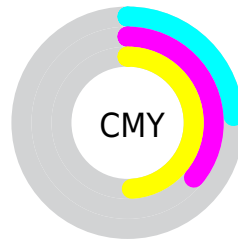


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3220, 28.1520, -3.5920 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 168.3220, 28.1520, -3.5920 by changing the saturation by 10% instead.

■ 168.3220, 28.1520,
-3.5920

■ 168.3220, 28.1520,
-3.5920

■ 255.0000, -0.0000,
-0.0000

■ 141.8380, 26.6390,
-3.7050

■ 223.6920, 29.9860,
-3.7900

■ 115.6530, 25.7220,
-3.6060

■ 244.8150, 16.2780,
-8.6660

■ 91.1690, 24.2090,
-3.7190

■ 253.2900, 4.8150,
-4.6650

■ 67.6850, 22.6960,
-3.8320

■ 44.9020, 20.5870,
-4.1570

■ 24.2870, 18.0650,
-2.5030

■ 1.1960, 2.3840,

0.8480

0.0000, 0.0000,
0.0000

168.3220, 28.1520,
-3.5920

168.3220, 28.1520,
-3.5920

160.8730, 36.7260,
-4.7940

175.7710, 19.5780,
-2.3900

152.7230, 45.8960,
-5.7840

183.9210, 10.4080,
-1.4000

145.2740, 54.4700,
-6.9860

191.3700, 1.8340,
-0.1980

137.8250, 63.0440,
-8.1880

198.8190, -6.7400,
1.0040

129.7890, 71.8930,
-8.8670

206.9690,
-15.9100, 1.9940

■ 122.2260, 80.7880,
-10.3800

■ 214.4180,
-24.4840, 3.1960

■ 116.4070, 87.5280,
-11.3840

■ 220.6130,
-29.5270, 0.9770

■ 226.4830,
-32.2770, -4.2530

■ 231.7660,
-34.7520, -8.9600

Harmonies

Analogous

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



169.6420, 33.4230, 5.5110



168.3220, 28.1520, -3.5920



166.6360, 15.2240, -11.5920

Triad

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



168.3220, 28.1520, -3.5920



159.5220, -37.1810, -14.5010



170.7960, 1.2350, 16.1710

Complementary

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



168.3220, 28.1520, -3.5920



155.6780, -28.1520, 3.5920

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.



168.4560, -18.4790, 10.0090



168.3220, 28.1520, -3.5920



160.9870, -42.6840, -8.3800

Square

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



168.3220, 28.1520, -3.5920



161.1400, -21.5460, -17.0180



164.0900, -35.3040, 1.0480



171.3050, 18.7950, 17.3150

Rectangle

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



168.3220, 28.1520, -3.5920



164.4820, 3.8540, -14.7860



164.0900, -35.3040, 1.0480



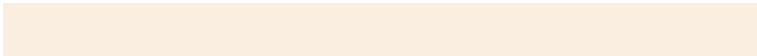
170.0340, -5.3670, 14.6730

Sweetspot

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



168.3220, 28.1520, -3.5920



240.1060, 11.3250, -1.4990



153.0720, 27.0010, 22.7850



119.1810, 6.7400, -1.0040



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.3220, 28.1520, -3.5920



211.2390, 44.3830, -5.8970



185.9320, 19.9020, -19.2820



92.9250, 4.5850, -0.4950



96.8600, 73.1310, -9.2770



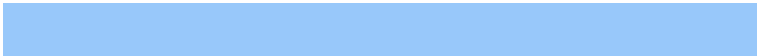
19.8460, 14.9930, -1.8950

Inverse Universe

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



155.6780, -28.1520, 3.5920



191.3480, -44.6580, 5.3740



138.0680, -19.9020, 19.2820



91.0750, -4.5850, 0.4950



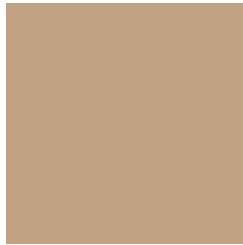
64.1400, -73.1310, 9.2770



13.1540, -14.9930, 1.8950

Previews

White Background



This preview shows how the YIQ color 168.3220, 28.1520, -3.5920 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 168.3220, 28.1520, -3.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

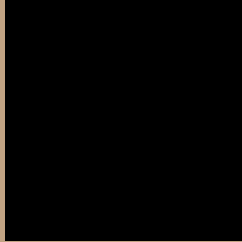
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3220, 28.1520, -3.5920

Background



This preview shows how black text looks on a background with the YIQ color 168.3220, 28.1520, -3.5920.



This preview shows how white text looks on a background with the YIQ color 168.3220, 28.1520, -3.5920.

-3.5920.

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

168.3220, 28.1520, -3.5920

Protanopia

167.2990, 17.7910, -8.5530

Deuteranopia

168.3440, 31.0860, -1.6980



Tritanopia

171.0290, 19.3920, 12.0000

Trichromacy



Original Color

168.3220, 28.1520, -3.5920

Protanomaly

167.5060, 21.6420, -6.7580

Deuteranomaly

168.6320, 30.2150, -2.4330

Tritanomaly

170.3080, 22.7400, 6.3880

Monochromacy



Original Color

168.3220, 28.1520, -3.5920

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0350, 10.0870, -1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3220, 28.1520, -3.5920 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, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 131)  
}
```

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, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 131) }
```

Border

The CSS property to change the border of an element to YIQ 168.3220, 28.1520, -3.5920 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, 163, 131) }
```


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

```
.border{ border-color:rgb(193, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 163, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 163, 131); box-shadow:4px 4px 4px 4px rgb(193, 163, 131) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3220, 28.1520, -3.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 131) }
```

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

```
.background{ background-color: rgb(193,  
163, 131) }
```

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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