

Converting Colors

YIQ(168.5290, 40.0300,
-20.6260)

Have a look what the booklet for
YIQ(168.5290, 40.0300, -20.6260)
contains.

YIQ(168.5290, 40.0300, -20.6260)	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(168.5290, 40.0300,
-20.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AB59
RGB	194, 171, 89
RGB Percent	76%, 67%, 35%
CMY	0.2392, 0.3294, 0.6507
CMYK	0.00, 0.12, 0.54, 0.24
HSL	47°, 46%, 56%
HSV	47°, 54%, 76%
XYZ	38.6150, 41.3138, 15.4028
YIQ	168.5290, 40.0300, -20.6260

Conversions

Conversions Part 2

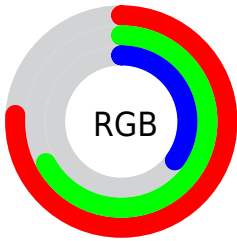
Format	Color
RYB	118, 194, 89
Decimal	12757849
CIELab	70.40, -2.07, 44.75
CIELCh	70, 44.795, 92.654
Yxy	41.3138, 0.4051, 0.4334
Android (android.graphics.Color)	4290947929 (0xFFC2AB59)
YUV	168.5290, -39.2078, 22.3381
Hunter-Lab	64.2758, -5.2451, 30.7850

Details

The YIQ color **168.5290, 40.0300, -20.6260** is a light color, and the websafe version is hex **999933**. The color can be described as light muted orange. A complement of this color would be **114.4710, -40.0300, 20.6260**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.0840, 42.7810, -20.9230**, and **115.5610, 37.0040, -20.8520** is the 20% darker color. If you saturate the color by 10%, you get **164.0150, 47.2290, -24.4430**, and if you desaturate by 10%, it is **173.0430, 32.8310, -16.8090**.

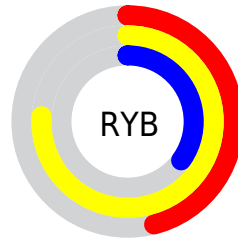
Distribution



Red (76%)

Green (67%)

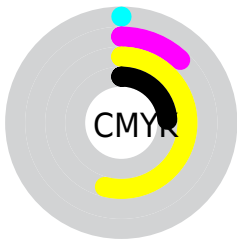
Blue (35%)



Red (46%)

Yellow (76%)

Blue (35%)

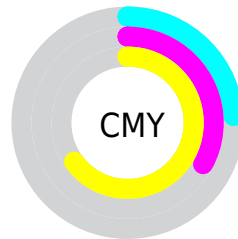


Cyan (0%)

Magenta (12%)

Yellow (54%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.5290, 40.0300, -20.6260 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 168.5290, 40.0300, -20.6260 by changing the saturation by 10% instead.

■ 168.5290, 40.0300,
-20.6260

■ 168.5290, 40.0300,
-20.6260

255.0000, -0.0000,
-0.0000

■ 142.0450, 38.5170,
-20.7390

■ 224.0840, 42.7810,
-20.9230

■ 115.5610, 37.0040,
-20.8520

■ 245.0820, 27.9270,
-27.0570

■ 90.2080, 36.5000,
-22.7320

■ 248.2740, 18.9390,
-18.3490

■ 67.0920, 31.1350,
-19.1130

■ 251.4660, 9.9510,
-9.6410

■ 46.4040, 21.6890,
-13.1190

254.7720, 0.6420,
-0.6220

■ 26.6020, 12.5640,
-7.4360

■ 1.7610, -0.8250,

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 168.5290, 40.0300,
-20.6260

■ 168.5290, 40.0300,
-20.6260

■ 164.0150, 47.2290,
-24.4430

■ 173.0430, 32.8310,
-16.8090

■ 158.8000, 55.0240,
-28.0480

■ 178.2580, 25.0360,
-13.2040

■ 154.2860, 62.2230,
-31.8650

■ 182.7720, 17.8370,
-9.3870

■ 149.6580, 69.7430,
-35.9930

■ 187.4000, 10.3170,
-5.2590

■ 146.6430, 74.0990,
-37.8450

■ 191.9140, 3.1180,
-1.4420

■ 197.0150, -4.3560,
1.8520

■ 201.6430,
-11.8760, 5.9800

■ 206.1570,
-19.0750, 9.7970

■ 209.7590,
-23.7060, 11.1260

Harmonies

Analogous

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



171.4320, 60.0170, -2.8870



168.5290, 40.0300, -20.6260



164.4970, 7.5250, -31.7630

Triad

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



168.5290, 40.0300, -20.6260



137.2140, -121.8150, -33.5510



177.2160, 27.1360, 36.8640

Complementary

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



168.5290, 40.0300, -20.6260



114.4710, -40.0300, 20.6260

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.



175.5130, -13.4850, 29.6430



168.5290, 40.0300, -20.6260



136.9980, -129.4740, -21.3940

Square

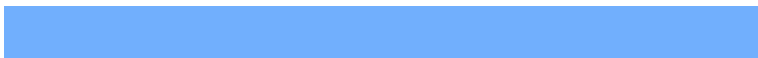
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168.5290, 40.0300, -20.6260



133.2410, -109.2500, -46.5140



165.3540, -61.9900, 11.1140



175.1250, 55.0130, 32.7490

Rectangle

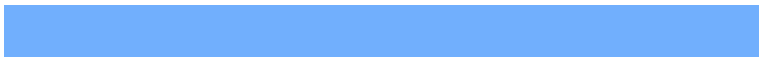
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.5290, 40.0300, -20.6260



159.7310, -19.6170, -35.4650



165.3540, -61.9900, 11.1140



177.0450, 14.4360, 35.7480

Sweetspot

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



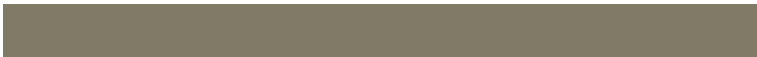
168.5290, 40.0300, -20.6260



242.7440, 15.0400, -8.2560



123.2450, 54.5550, 30.0350



121.6280, 9.6750, -4.6370



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.



168.5290, 40.0300, -20.6260



212.1720, 62.5440, -32.1760



173.6580, 17.0170, -38.5910



94.6860, 3.7600, -2.0640



121.5140, 61.5810, -31.2430



25.1290, 12.5180, -6.6020

Inverse Universe

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



114.4710, -40.0300, 20.6260



127.8280, -62.5440, 32.1760



109.3420, -17.0170, 38.5910



89.3140, -3.7600, 2.0640



38.8990, -61.3060, 31.7660



7.8710, -12.5180, 6.6020

Previews

White Background



This preview shows how the YIQ color 168.5290, 40.0300, -20.6260 looks on a white background.

Color Contrast Check

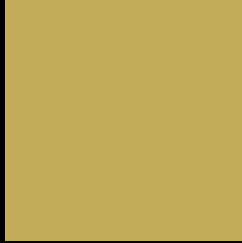
Large Text (above 18pt) WCAG AA × Fail

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 168.5290, 40.0300, -20.6260 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 168.5290, 40.0300, -20.6260

Background



This preview shows how black text looks on a background with the YIQ color 168.5290, 40.0300, -20.6260.



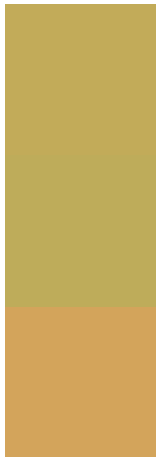
This preview shows how white text looks on a background with the YIQ color 168.5290, 40.0300,

-20.6260.

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

168.5290, 40.0300, -20.6260

Protanopia

168.0340, 37.0500, -21.6860

Deuteranopia

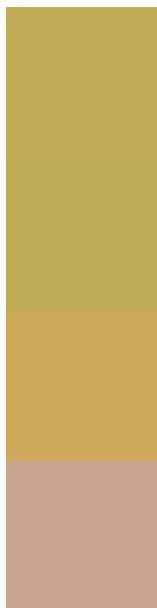
169.7310, 51.4450, -12.7390



Tritanopia

174.7410, 20.2630, 12.7350

Trichromacy



Original Color

168.5290, 40.0300, -20.6260

Protanomaly

168.3330, 37.6460, -21.4740

Deuteranomaly

169.5840, 47.3650, -15.8910

Tritanomaly

172.6580, 27.3260, 0.3660

Monochromacy



Original Color

168.5290, 40.0300, -20.6260

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.9720, 14.3980, -7.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.5290, 40.0300, -20.6260 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(194, 171, 89)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 89)  
}
```

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(194, 171, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 89) }
```

Border

The CSS property to change the border of an element to YIQ 168.5290, 40.0300, -20.6260 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(194, 171, 89) }
```


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

```
.border{ border-color:rgb(194, 171, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 89);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 168.5290, 40.0300, -20.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 89) }
```

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

```
.background{ background-color: rgb(194,  
171, 89) }
```

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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