

Converting Colors

YIQ(172.9740, 20.0840,
-11.5640)

Have a look what the booklet for
YIQ(172.9740, 20.0840, -11.5640)
contains.

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Color

**YIQ(172.9740, 20.0840,
-11.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AF83
RGB	185, 175, 131
RGB Percent	73%, 69%, 51%
CMY	0.2745, 0.3137, 0.4862
CMYK	0.00, 0.05, 0.29, 0.27
HSL	49°, 28%, 62%
HSV	49°, 29%, 73%
XYZ	39.4352, 42.6119, 27.6295
YIQ	172.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

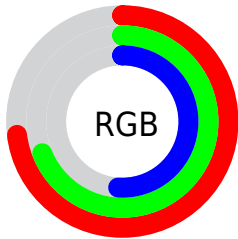
Format	Color
RYB	143, 185, 131
Decimal	12169091
CIELab	71.29, -3.33, 23.88
CIELCh	71, 24.113, 97.940
Yxy	42.6119, 0.3596, 0.3885
Android (android.graphics.Color)	4290359171 (0xFFB9AF83)
YUV	172.9740, -20.6932, 10.5468
Hunter-Lab	65.2778, -6.4019, 20.5994

Details

The YIQ color $172.9740, 20.0840, -11.5640$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $143.0260, -20.0840, 11.5640$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.3440, 21.9180, -11.7620$, and $120.6040, 18.2500, -11.3660$ is the 20% darker color. If you saturate the color by 10%, you get $169.1610, 26.6870, -15.5930$, and if you desaturate by 10%, it is $176.9010, 13.1600, -7.2240$.

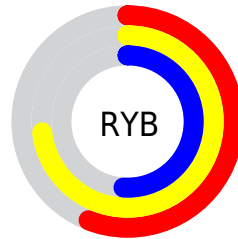
Distribution



Red (73%)

Green (69%)

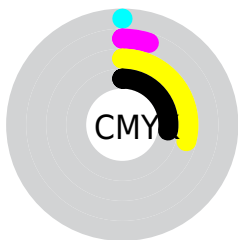
Blue (51%)



Red (56%)

Yellow (73%)

Blue (51%)

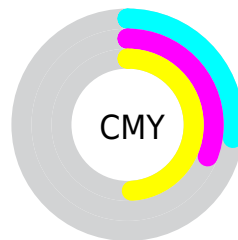


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9740, 20.0840, -11.5640 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 172.9740, 20.0840, -11.5640 by changing the saturation by 10% instead.

■ 172.9740, 20.0840,
-11.5640

■ 172.9740, 20.0840,
-11.5640

255.0000, -0.0000,
-0.0000

■ 146.2020, 19.4420,
-10.9420

■ 228.3440, 21.9180,
-11.7620

■ 120.6040, 18.2500,
-11.3660

■ 250.0980, 13.8030,
-13.3730

■ 95.5330, 17.0120,
-10.9560

■ 253.2900, 4.8150,
-4.6650

■ 71.6470, 16.6910,
-10.6450

■ 49.1630, 15.1780,
-10.7580

■ 28.6620, 12.3350,
-8.7930

■ 4.1090, -1.9250,

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 172.9740, 20.0840,
-11.5640

■ 172.9740, 20.0840,
-11.5640

■ 169.1610, 26.6870,
-15.5930

■ 176.9010, 13.1600,
-7.2240

■ 164.6470, 33.8860,
-19.4100

■ 181.3010, 6.2820,
-3.7180

■ 160.8340, 40.4890,
-23.4390

■ 185.2280, -0.6420,
0.6220

■ 156.3200, 47.6880,
-27.2560

■ 189.6280, -7.5200,
4.1280

■ 152.5070, 54.2910,
-31.2850

■ 193.5550,
-14.4440, 8.4680

■ 147.9930, 61.4900,
-35.1020

■ 197.9550,
-21.3220, 11.9740

■ 144.1800, 68.0930,
-39.1310

■ 201.1980,
-26.3200, 14.4480

■ 143.9520, 68.7350,
-39.7530

■ 202.9590,
-27.1450, 12.8790

■ 205.3070,
-28.2450, 10.7870

Harmonies

Analogous

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



175.1870, 32.9660, -2.7300



172.9740, 20.0840, -11.5640



170.2320, 1.5620, -17.3020

Triad

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



172.9740, 20.0840, -11.5640



165.5840, -48.9190, -11.0230



178.5870, 18.0610, 19.6050

Complementary

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



172.9740, 20.0840, -11.5640



143.0260, -20.0840, 11.5640

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.



177.4690, -2.1580, 17.0900



172.9740, 20.0840, -11.5640



169.0290, -42.5020, -0.6620

Square

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



172.9740, 20.0840, -11.5640



164.9730, -40.0690, -17.2290



174.2210, -25.1270, 9.3450



178.0800, 32.5500, 15.8300

Rectangle

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



172.9740, 20.0840, -11.5640



168.2780, -13.2470, -18.7430



174.2210, -25.1270, 9.3450



178.6510, 12.0090, 19.1530

Sweetspot

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



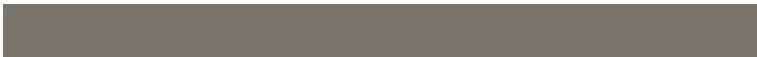
172.9740, 20.0840, -11.5640



235.1440, 8.1620, -4.7500



148.4000, 28.6530, 14.8690



116.7570, 4.9980, -2.4740



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.



172.9740, 20.0840, -11.5640



221.0320, 31.3640, -17.7560



174.0600, 7.7980, -20.1860



89.8000, 3.4390, -1.7530



121.1930, 58.0510, -33.3490



21.8730, 10.3630, -6.0930

Inverse Universe

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



143.0260, -20.0840, 11.5640



174.3810, -31.0890, 18.2790



141.9400, -7.7980, 20.1860



84.6130, -3.1640, 2.2760



34.8070, -58.0510, 33.3490



6.1270, -10.3630, 6.0930

Previews

White Background



This preview shows how the YIQ color 172.9740, 20.0840, -11.5640 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 172.9740, 20.0840, -11.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

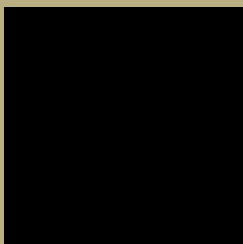
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

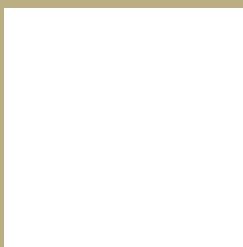
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.9740, 20.0840, -11.5640

Background



This preview shows how black text looks on a background with the YIQ color 172.9740, 20.0840, -11.5640.



This preview shows how white text looks on a background with the YIQ color 172.9740, 20.0840, -11.5640.

-11.5640.

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

172.9740, 20.0840, -11.5640

Protanopia

172.9850, 21.5510, -10.6170

Deuteranopia

174.4860, 33.5620, -2.5180



Tritanopia

176.3590, 9.5350, 8.9190

Trichromacy



Original Color

172.9740, 20.0840, -11.5640

Protanomaly

172.6860, 20.9550, -10.8290

Deuteranomaly

174.0400, 28.8860, -5.8820

Tritanomaly

175.4700, 13.2960, 1.3280

Monochromacy



Original Color

172.9740, 20.0840, -11.5640

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9740, 20.0840, -11.5640 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(185, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 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(185, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 131) }
```

Border

The CSS property to change the border of an element to YIQ 172.9740, 20.0840, -11.5640 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(185, 175, 131) }
```


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

```
.border{ border-color:rgb(185, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9740, 20.0840, -11.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 131) }
```

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

```
.background{ background-color: rgb(185,  
175, 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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