

Converting Colors

YIQ(171.8960, 20.7240, -1.1320)

Have a look what the booklet for
YIQ(171.8960, 20.7240, -1.1320)
contains.

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Color

**YIQ(171.8960, 20.7240,
-1.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA793
RGB	191, 167, 147
RGB Percent	75%, 65%, 58%
CMY	0.2509, 0.3451, 0.4234
CMYK	0.00, 0.13, 0.23, 0.25
HSL	27°, 26%, 66%
HSV	27°, 23%, 75%
XYZ	40.5740, 40.8189, 33.3544
YIQ	171.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

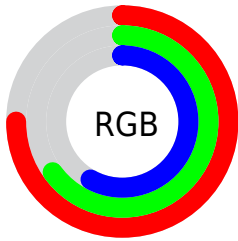
Format	Color
R _Y B	191, 184, 147
Decimal	12560275
CIE Lab	70.05, 5.58, 13.54
CIE LCh	70, 14.642, 67.608
Yxy	40.8189, 0.3536, 0.3557
Android (android.graphics.Color)	4290750355 (0xFFBFA793)
YUV	171.8960, -12.2737, 16.7542
Hunter-Lab	63.8897, 1.5518, 13.7697

Details

The YIQ color **171.8960, 20.7240, -1.1320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166.1040, -20.7240, 1.1320**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.3800, 22.2370, -1.0190**, and **119.4120, 19.2110, -1.2450** is the 20% darker color. If you saturate the color by 10%, you get **163.8600, 29.5730, -1.8110**, and if you desaturate by 10%, it is **179.9320, 11.8750, -0.4530**.

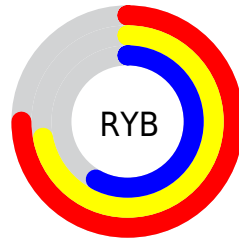
Distribution



Red (75%)

Green (65%)

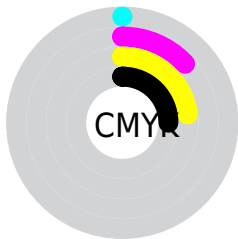
Blue (58%)



Red (75%)

Yellow (72%)

Blue (58%)

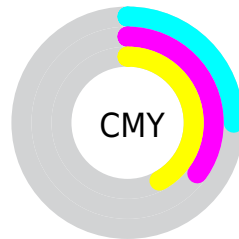


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8960, 20.7240, -1.1320 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 171.8960, 20.7240, -1.1320 by changing the saturation by 10% instead.

■ 171.8960, 20.7240,
-1.1320

■ 171.8960, 20.7240,
-1.1320

255.0000, -0.0000,
-0.0000

■ 145.5970, 20.1280,
-1.3440

■ 227.3800, 22.2370,
-1.0190

■ 119.4120, 19.2110,
-1.2450

■ 249.6880, 9.4460,
-5.9940

■ 94.9280, 17.6980,
-1.3580

■ 70.7430, 16.7810,
-1.2590

■ 48.2590, 15.2680,
-1.3720

■ 26.5040, 15.9560,
-2.8280

■ 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 171.8960, 20.7240,
-1.1320

■ 171.8960, 20.7240,
-1.1320

■ 163.8600, 29.5730,
-1.8110

■ 179.9320, 11.8750,
-0.4530

■ 155.2370, 38.6970,
-1.9670

■ 188.5550, 2.7510,
-0.2970

■ 147.2010, 47.5460,
-2.6460

■ 196.5910, -6.0980,
0.3820

■ 138.5780, 56.6700,
-2.8020

■ 205.2140,
-15.2220, 0.5380

■ 130.5420, 65.5190,
-3.4810

■ 213.3640,
-24.3920, 1.5280

■ 121.8050, 74.9640,
-3.9480

■ 221.1890,
-31.2690, -0.4930

■ 113.7690, 83.8130,
-4.6270

■ 227.0590,
-34.0190, -5.7230

■ 108.1780, 89.9110,
-5.0090

■ 232.9290,
-36.7690, -10.9530

■ 235.8640,
-38.1440, -13.5680

Harmonies

Analogous

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



172.6670, 23.1070, 5.2430



171.8960, 20.7240, -1.1320



170.1290, 12.5180, -6.6020

Triad

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



171.8960, 20.7240, -1.1320



166.4700, -22.2350, -10.0350



173.1390, -1.4690, 10.1070

Complementary

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



171.8960, 20.7240, -1.1320



166.1040, -20.7240, 1.1320

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.



170.9740, -14.3060, 5.9660



171.8960, 20.7240, -1.1320



166.7670, -27.3250, -5.8930

Square

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



171.8960, 20.7240, -1.1320



167.3910, -11.8270, -11.4350



168.6090, -23.7040, 0.0720



173.8370, 11.1850, 12.0570

Rectangle

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



171.8960, 20.7240, -1.1320



169.2420, 4.7700, -9.3580



168.6090, -23.7040, 0.0720



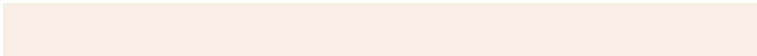
172.2740, -6.2830, 9.2450

Sweetspot

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



171.8960, 20.7240, -1.1320



239.7790, 7.9320, -0.5800



162.8920, 18.5200, 16.7920



120.3380, 4.8600, 0.0280



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.



171.8960, 20.7240, -1.1320



217.4150, 32.3240, -2.1080



184.8100, 14.6740, -12.6380



90.0390, 4.2640, -0.1840



89.5060, 74.3680, -4.1600



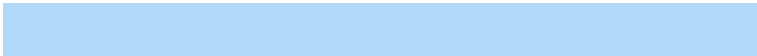
17.4870, 14.6260, -0.7500

Inverse Universe

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



166.1040, -20.7240, 1.1320



208.1720, -32.5990, 1.5850



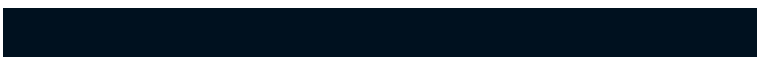
153.1900, -14.6740, 12.6380



88.9610, -4.2640, 0.1840



68.4940, -74.3680, 4.1600



13.5130, -14.6260, 0.7500

Previews

White Background



This preview shows how the YIQ color 171.8960, 20.7240, -1.1320 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 171.8960, 20.7240, -1.1320 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 171.8960, 20.7240, -1.1320

Background



This preview shows how black text looks on a background with the YIQ color 171.8960, 20.7240, -1.1320.



This preview shows how white text looks on a background with the YIQ color 171.8960, 20.7240,

-1.1320.

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

171.8960, 20.7240, -1.1320

Protanopia

171.1830, 12.4260, -4.9340

Deuteranopia

172.2170, 24.2540, 0.9740



Tritanopia

173.7510, 14.3030, 10.6150

Trichromacy



Original Color

171.8960, 20.7240, -1.1320

Protanomaly

171.6780, 15.4060, -3.8740

Deuteranomaly

172.2060, 22.7870, 0.0270

Tritanomaly

172.7850, 16.9630, 6.4590

Monochromacy



Original Color

171.8960, 20.7240, -1.1320

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8930, 7.6110, -0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8960, 20.7240, -1.1320 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(191, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 147)  
}
```

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(191, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 147) }
```

Border

The CSS property to change the border of an element to YIQ 171.8960, 20.7240, -1.1320 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(191, 167, 147) }
```


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

```
.border{ border-color:rgb(191, 167, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 167, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 167, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 167, 147); box-shadow:4px 4px 4px 4px rgb(191, 167, 147) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8960, 20.7240, -1.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 147) }
```

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

```
.background{ background-color: rgb(191,  
167, 147) }
```

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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