

Converting Colors

YIQ(176.3970, 22.4260,
-31.9900)

Have a look what the booklet for
YIQ(176.3970, 22.4260, -31.9900)
contains.

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Color

**YIQ(176.3970, 22.4260,
-31.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BF61
RGB	178, 191, 97
RGB Percent	70%, 75%, 38%
CMY	0.3021, 0.2509, 0.6194
CMYK	0.07, 0.00, 0.49, 0.25
HSL	68°, 42%, 56%
HSV	68°, 49%, 75%
XYZ	39.1464, 47.5900, 18.4419
YIQ	176.3970, 22.4260, -31.9900

Conversions

Conversions Part 2

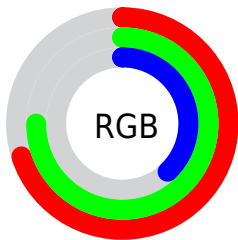
Format	Color
R_{YB}	97, 191, 110
Decimal	11714401
CIE _{Lab}	74.57, -18.36, 45.49
CIE _{LCh}	75, 49.056, 111.978
Yxy	47.5900, 0.3722, 0.4525
Android (android.graphics.Color)	4289904481 (0xFFB2BF61)
YUV	176.3970, -39.1427, 1.4058
Hunter-Lab	68.9855, -19.4333, 32.4398

Details

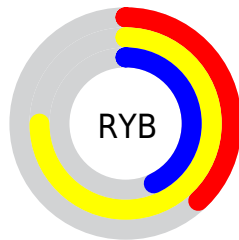
The YIQ color **176.3970, 22.4260, -31.9900** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **111.6030, -22.4260, 31.9900**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3540, 23.9850, -32.7110**, and **123.0270, 20.5920, -31.7920** is the 20% darker color. If you saturate the color by 10%, you get **173.3340, 26.7370, -38.5350**, and if you desaturate by 10%, it is **179.4600, 18.1150, -25.4450**.

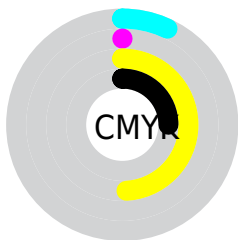
Distribution



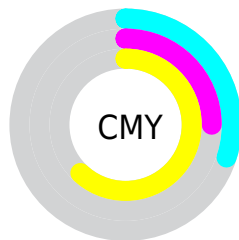
- Red (70%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (49%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3970, 22.4260, -31.9900 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 176.3970, 22.4260, -31.9900 by changing the saturation by 10% instead.

■ 176.3970, 22.4260,
-31.9900

■ 176.3970, 22.4260,
-31.9900

255.0000, -0.0000,
-0.0000

■ 149.3260, 21.1880,
-31.5800

■ 232.3540, 23.9850,
-32.7110

■ 123.0270, 20.5920,
-31.7920

■ 246.1080, 25.0380,
-24.2580

■ 96.9130, 20.9130,
-32.1030

■ 249.3000, 16.0500,
-15.5500

■ 72.8850, 18.1160,
-30.9720

■ 252.6060, 6.7410,
-6.5310

■ 51.6210, 10.4120,
-23.5080

■ 31.2320, 1.5620,
-17.3020

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 176.3970, 22.4260,
-31.9900

■ 176.3970, 22.4260,
-31.9900

■ 173.3340, 26.7370,
-38.5350

■ 179.4600, 18.1150,
-25.4450

■ 170.5700, 31.6440,
-44.8680

■ 182.2240, 13.2080,
-19.1120

■ 167.5070, 35.9550,
-51.4130

■ 185.2870, 8.8970,
-12.5670

■ 164.4440, 40.2660,
-57.9580

■ 188.3500, 4.5860,
-6.0220

■ 161.6800, 45.1730,
-64.2910

■ 191.2280, -0.6420,
0.6220

■ 161.4520, 45.8150,
-64.9130

■ 194.2910, -4.9530,
7.1670

■ 197.3540, -9.2640,
13.7120

■ 200.1180,
-14.1710, 20.0450

■ 201.5850,
-13.9880, 22.2360

Harmonies

Analogous

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



180.8790, 53.7840, -16.5840



176.3970, 22.4260, -31.9900



169.7260, -21.2210, -39.4370

Triad

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



176.3970, 22.4260, -31.9900



147.4160, -136.7630, -26.9630



185.6930, 47.7220, 38.2340

Complementary

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



176.3970, 22.4260, -31.9900



111.6030, -22.4260, 31.9900

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.



188.8650, 15.1230, 39.8190



176.3970, 22.4260, -31.9900



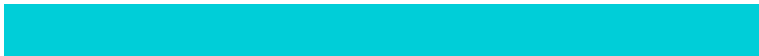
165.0960, -88.1670, -4.5750

Square

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



176.3970, 22.4260, -31.9900



145.5460, -125.9860, -40.5620



182.9130, -29.5310, 23.0850



180.4490, 62.4880, 23.9280

Rectangle

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



176.3970, 22.4260, -31.9900



161.5120, -58.7250, -42.5730



182.9130, -29.5310, 23.0850



187.8650, 41.4860, 41.1180

Sweetspot

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



176.3970, 22.4260, -31.9900



241.2870, 8.8970, -12.5670



132.7370, 52.4490, 13.1290



121.4810, 5.5950, -7.7890



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.



176.3970, 22.4260, -31.9900



224.3760, 34.9460, -49.6460



162.3440, -5.5860, -41.9540



92.6750, 2.2930, -3.0110



133.4100, 37.6060, -53.8020



25.9710, 6.9710, -10.7010

Inverse Universe

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



111.6030, -22.4260, 31.9900



123.9230, -34.3500, 49.8580



125.6560, 5.5860, 41.9540



86.3250, -2.2930, 3.0110



24.5900, -37.6060, 53.8020



4.7300, -7.5670, 10.4890

Previews

White Background



This preview shows how the YIQ color 176.3970, 22.4260, -31.9900 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 176.3970, 22.4260, -31.9900 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 176.3970, 22.4260, -31.9900

Background



This preview shows how black text looks on a background with the YIQ color 176.3970, 22.4260, -31.9900.



This preview shows how white text looks on a background with the YIQ color 176.3970, 22.4260,

-31.9900.

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

176.3970, 22.4260, -31.9900

Protanopia

178.5350, 39.8930, -23.6510

Deuteranopia

181.2150, 52.9580, -12.6260



Tritanopia

184.2870, 0.8700, 6.2620

Trichromacy



Original Color

176.3970, 22.4260, -31.9900

Protanomaly

177.7190, 33.3830, -26.8170

Deuteranomaly

179.5400, 41.4970, -19.6790

Tritanomaly

181.4490, 8.6210, -7.5630

Monochromacy



Original Color

176.3970, 22.4260, -31.9900

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.9280, 8.5300, -11.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3970, 22.4260, -31.9900 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(178, 191, 97)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 97)  
}
```

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(178, 191, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 97) }
```

Border

The CSS property to change the border of an element to YIQ 176.3970, 22.4260, -31.9900 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(178, 191, 97) }
```


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

```
.border{ border-color:rgb(178, 191, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 191, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 191, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 191, 97);  
box-shadow:4px 4px 4px 4px rgb(178, 191,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3970, 22.4260, -31.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 191, 97) }
```

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

```
.background{ background-color: rgb(178,  
191, 97) }
```

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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