

Converting Colors

YIQ(159.5570, 42.8270,
-21.7570)

Have a look what the booklet for
YIQ(159.5570, 42.8270, -21.7570)
contains.

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Color

**YIQ(159.5570, 42.8270,
-21.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA24B
RGB	187, 162, 75
RGB Percent	73%, 64%, 29%
CMY	0.2667, 0.3647, 0.7056
CMYK	0.00, 0.13, 0.60, 0.27
HSL	47°, 45%, 51%
HSV	47°, 60%, 73%
XYZ	34.6844, 36.9107, 11.9639
YIQ	159.5570, 42.8270, -21.7570

Conversions

Conversions Part 2

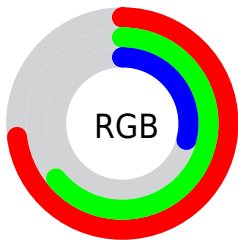
Format	Color
RYB	107, 187, 75
Decimal	12296779
CIELab	67.21, -1.36, 47.67
CIElCh	67, 47.692, 91.636
Yxy	36.9107, 0.4151, 0.4417
Android (android.graphics.Color)	4290486859 (0xFFBBA24B)
YUV	159.5570, -41.6866, 24.0675
Hunter-Lab	60.7542, -4.4147, 30.8523

Details

The YIQ color **159.5570, 42.8270, -21.7570** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **102.4430, -42.8270, 21.7570**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.1120, 45.5780, -22.0540**, and **106.9480, 40.1680, -23.1280** is the 20% darker color. If you saturate the color by 10%, you get **155.0430, 50.0260, -25.5740**, and if you desaturate by 10%, it is **164.0710, 35.6280, -17.9400**.

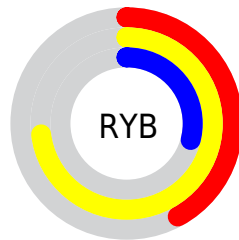
Distribution



Red (73%)

Green (64%)

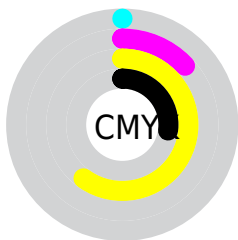
Blue (29%)



Red (42%)

Yellow (73%)

Blue (29%)

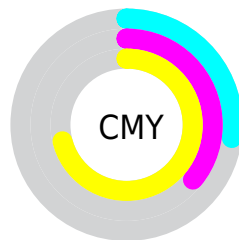


Cyan (0%)

Magenta (13%)

Yellow (60%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.5570, 42.8270, -21.7570 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 159.5570, 42.8270, -21.7570 by changing the saturation by 10% instead.

■ 159.5570, 42.8270,
-21.7570

■ 159.5570, 42.8270,
-21.7570

■ 255.0000, -0.0000,
-0.0000

■ 133.0730, 41.3140,
-21.8700

■ 215.1120, 45.5780,
-22.0540

■ 106.9480, 40.1680,
-23.1280

■ 237.6160, 35.1710,
-26.1810

■ 82.1650, 38.0590,
-23.4530

■ 246.5640, 23.7540,
-23.0140

■ 60.3030, 29.1630,
-16.4130

■ 249.7560, 14.7660,
-14.3060

■ 40.2020, 19.4420,
-10.9420

■ 253.0620, 5.4570,
-5.2870

■ 20.9870, 10.0420,
-5.7820

■ 0.0000, 0.0000,

0.0000

■ 159.5570, 42.8270,
-21.7570

■ 159.5570, 42.8270,
-21.7570

■ 155.0430, 50.0260,
-25.5740

■ 164.0710, 35.6280,
-17.9400

■ 150.6430, 56.9040,
-29.0800

■ 168.4710, 28.7500,
-14.4340

■ 145.5420, 64.3780,
-32.3740

■ 173.5720, 21.2760,
-11.1400

■ 141.0280, 71.5770,
-36.1910

■ 178.0860, 14.0770,
-7.3230

■ 182.6000, 6.8780,
-3.5060

■ 187.0000, -0.0000,
-0.0000

■ 191.5140, -7.1990,
3.8170

■ 196.0280,
-14.3980, 7.6340

■ 201.0150,
-21.5510, 10.6170

Harmonies

Analogous

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



162.6990, 63.6390, -2.4490



159.5570, 42.8270, -21.7570



154.9270, 9.1300, -33.3180

Triad

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



159.5570, 42.8270, -21.7570



132.1930, -117.3220, -32.3780



168.6830, 27.3190, 39.0550

Complementary

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



159.5570, 42.8270, -21.7570



102.4430, -42.8270, 21.7570

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.



166.4850, -16.2820, 30.7740



159.5570, 42.8270, -21.7570



132.2050, -125.6230, -19.5990

Square

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



159.5570, 42.8270, -21.7570



127.4050, -103.8400, -45.4400



154.2220, -70.4260, 9.8140



166.0760, 56.7090, 35.0530

Rectangle

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



159.5570, 42.8270, -21.7570



150.2640, -19.8000, -37.6560



154.2220, -70.4260, 9.8140



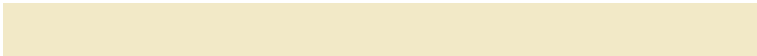
168.2130, 14.0230, 37.7270

Sweetspot

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



159.5570, 42.8270, -21.7570



231.8150, 16.2780, -8.6660



111.4520, 58.4060, 31.8300



115.4000, 10.3170, -5.2590



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



159.5570, 42.8270, -21.7570



199.2710, 66.5790, -33.7170



165.2620, 18.0720, -41.1920



91.8000, 3.4390, -1.7530



119.4430, 60.3430, -30.8330



23.3570, 11.8760, -5.9800

Inverse Universe

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



102.4430, -42.8270, 21.7570



110.7290, -66.5790, 33.7170



96.7380, -18.0720, 41.1920



87.2000, -3.4390, 1.7530



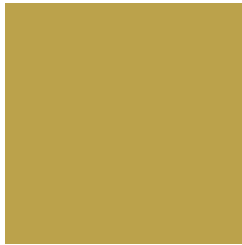
38.5570, -60.3430, 30.8330



7.6430, -11.8760, 5.9800

Previews

White Background



This preview shows how the YIQ color 159.5570, 42.8270, -21.7570 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 159.5570, 42.8270, -21.7570 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 159.5570, 42.8270, -21.7570

Background



This preview shows how black text looks on a background with the YIQ color 159.5570, 42.8270, -21.7570.



This preview shows how white text looks on a background with the YIQ color 159.5570, 42.8270, -21.7570.

-21.7570.

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

159.5570, 42.8270, -21.7570

Protanopia

159.3500, 38.9760, -23.5520

Deuteranopia

160.7480, 52.7750, -14.8170



Tritanopia

166.2250, 21.7760, 12.8480

Trichromacy



Original Color

159.5570, 42.8270, -21.7570

Protanomaly

159.3610, 40.4430, -22.6050

Deuteranomaly

160.3130, 49.5660, -17.2340

Tritanomaly

164.0280, 29.1600, 0.1680

Monochromacy



Original Color

159.5570, 42.8270, -21.7570

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0430, 15.6360, -8.0440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.5570, 42.8270, -21.7570 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(187, 162, 75)` looks like.

```
.text, #text, p{  
    color:rgb(187, 162, 75)  
}
```

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(187, 162, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 162, 75) }
```

Border

The CSS property to change the border of an element to YIQ 159.5570, 42.8270, -21.7570 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(187, 162, 75) }
```


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

```
.border{ border-color:rgb(187, 162, 75) }
```

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

Here you see how a box with a 4 pixel rgb(187, 162, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 162, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 162, 75);  
box-shadow:4px 4px 4px 4px rgb(187, 162,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 159.5570, 42.8270, -21.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 162, 75) }
```

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

```
.background{ background-color: rgb(187,  
162, 75) }
```

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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