

Converting Colors

YIQ(170.9570, 1.5590, -0.7210)

Have a look what the booklet for
YIQ(170.9570, 1.5590, -0.7210)
contains.

YIQ(170.9570, 1.5590, -0.7210)	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(170.9570, 1.5590,
-0.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	ACABA8
RGB	172, 171, 168
RGB Percent	67%, 67%, 66%
CMY	0.3255, 0.3294, 0.3412
CMYK	0.00, 0.01, 0.02, 0.33
HSL	45°, 2%, 67%
HSV	45°, 2%, 67%
XYZ	38.6442, 40.7236, 42.8705
YIQ	170.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

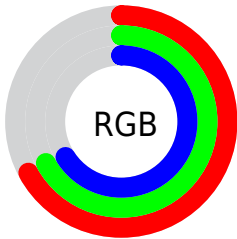
Format	Color
RYB	169, 172, 168
Decimal	11316136
CIELab	69.98, -0.20, 1.66
CIElCh	70, 1.669, 96.848
Yxy	40.7236, 0.3161, 0.3331
Android (android.graphics.Color)	4289506216 (0xFFACABA8)
YUV	170.9570, -1.4578, 0.9147
Hunter-Lab	63.8150, -3.5828, 4.8399

Details

The YIQ color $170.9570, 1.5590, -0.7210$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $169.0430, -1.5590, 0.7210$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.9570, 1.5590, -0.7210$, and $118.9570, 1.5590, -0.7210$ is the 20% darker color. If you saturate the color by 10%, you get $166.6710, 8.1160, -3.9160$, and if you desaturate by 10%, it is $175.2430, -4.9980, 2.4740$.

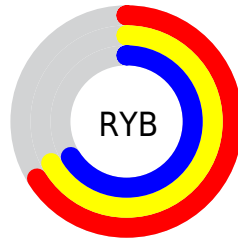
Distribution



Red (67%)

Green (67%)

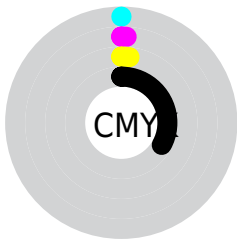
Blue (66%)



Red (66%)

Yellow (67%)

Blue (66%)

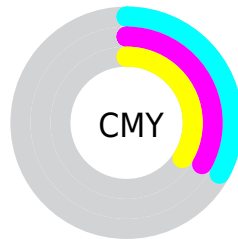


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9570, 1.5590, -0.7210 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 170.9570, 1.5590, -0.7210 by changing the saturation by 10% instead.

■ 170.9570, 1.5590,
-0.7210

■ 170.9570, 1.5590,
-0.7210

255.0000, -0.0000,
-0.0000

■ 144.6580, 0.9630,
-0.9330

■ 225.9570, 1.5590,
-0.7210

■ 118.9570, 1.5590,
-0.7210

254.6580, 0.9630,
-0.9330

■ 94.0710, 1.2380,
-0.4100

■ 70.6580, 0.9630,
-0.9330

■ 48.0710, 1.2380,
-0.4100

■ 27.0710, 1.2380,
-0.4100

■ 0.0000, 0.0000,

0.0000

■ 170.9570, 1.5590,
-0.7210

■ 170.9570, 1.5590,
-0.7210

■ 166.6710, 8.1160,
-3.9160

■ 175.2430, -4.9980,
2.4740

■ 161.7980, 14.9480,
-6.5880

■ 180.1160,
-11.8300, 5.1460

■ 157.3980, 21.8260,
-10.0940

■ 184.5160,
-18.7080, 8.6520

■ 153.1120, 28.3830,
-13.2890

■ 188.8020,
-25.2650, 11.8470

■ 148.8260, 34.9400,
-16.4840

■ 193.0880,
-31.8220, 15.0420

■ 143.9530, 41.7720,
-19.1560

■ 196.1370,
-33.5180, 12.7380

■ 139.6670, 48.3290,
-22.3510

■ 198.4850,
-34.6180, 10.6460

■ 135.2670, 55.2070,
-25.8570

■ 200.8330,
-35.7180, 8.5540

■ 130.3940, 62.0390,
-28.5290

■ 203.7680,
-37.0930, 5.9390

Harmonies

Analogous

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



171.5550, 2.7510, -0.2970



170.9570, 1.5590, -0.7210



170.4730, 0.0460, -0.8340

Triad

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



170.9570, 1.5590, -0.7210



170.9180, -2.7050, -0.5370



171.1250, 1.1460, 1.2580

Complementary

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



170.9570, 1.5590, -0.7210



169.0430, -1.5590, 0.7210

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.



171.5270, -0.0460, 0.8340



170.9570, 1.5590, -0.7210



170.4450, -2.7510, 0.2970

Square

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



170.9570, 1.5590, -0.7210



170.6900, -2.0630, -1.1590



171.0430, -1.5590, 0.7210



171.3100, 2.0630, 1.1590

Rectangle

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



170.9570, 1.5590, -0.7210



170.7610, -0.8250, -1.5690



171.0430, -1.5590, 0.7210



171.2390, 0.8250, 1.5690

Sweetspot

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



170.9570, 1.5590, -0.7210



223.7720, 0.6420, -0.6220



169.3100, 2.0630, 1.1590



111.8860, 0.3210, -0.3110



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



170.9570, 1.5590, -0.7210



222.7290, 2.2010, -1.3430



171.2450, 0.6880, -1.4560



85.9570, 1.5590, -0.7210



111.1810, 58.3250, -27.2990



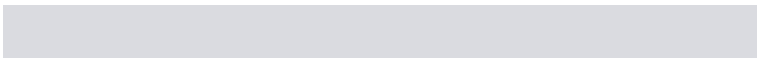
16.8560, 9.0330, -4.0150

Inverse Universe

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



169.0430, -1.5590, 0.7210



219.2710, -2.2010, 1.3430



168.7550, -0.6880, 1.4560



84.0430, -1.5590, 0.7210



39.4060, -58.6000, 26.7760



6.1440, -9.0330, 4.0150

Previews

White Background



This preview shows how the YIQ color 170.9570, 1.5590, -0.7210 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 170.9570, 1.5590, -0.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

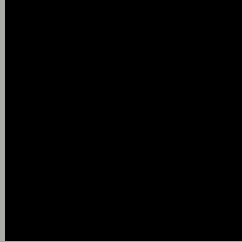
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.9570, 1.5590, -0.7210

Background



This preview shows how black text looks on a background with the YIQ color 170.9570, 1.5590, -0.7210.



This preview shows how white text looks on a background with the YIQ color 170.9570, 1.5590,

-0.7210.

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

170.9570, 1.5590, -0.7210

Protanopia

171.2670, 3.6220, 0.4380

Deuteranopia

172.3330, 12.4240, 6.1200



Tritanopia

171.9770, -1.1930, 5.1030

Trichromacy



Original Color

170.9570, 1.5590, -0.7210

Protanomaly

170.9680, 3.0260, 0.2260

Deuteranomaly

171.7130, 8.2980, 3.8020

Tritanomaly

171.6950, -0.4590, 2.8130

Monochromacy



Original Color

170.9570, 1.5590, -0.7210

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.8860, 0.3210, -0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9570, 1.5590, -0.7210 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(172, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 168)  
}
```

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(172, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 168) }
```

Border

The CSS property to change the border of an element to YIQ 170.9570, 1.5590, -0.7210 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(172, 171, 168) }
```


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

```
.border{ border-color:rgb(172, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9570, 1.5590, -0.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 168) }
```

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

```
.background{ background-color: rgb(172,  
171, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor