

Converting Colors

YIQ(170.0620, 5.4570, -5.2870)

Have a look what the booklet for
YIQ(170.0620, 5.4570, -5.2870)
contains.

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Color

**YIQ(170.0620, 5.4570,
-5.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAC9B
RGB	172, 172, 155
RGB Percent	67%, 67%, 61%
CMY	0.3255, 0.3255, 0.3921
CMYK	0.00, 0.00, 0.10, 0.33
HSL	60°, 9%, 64%
HSV	60°, 10%, 67%
XYZ	37.6823, 40.6422, 36.8729
YIQ	170.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

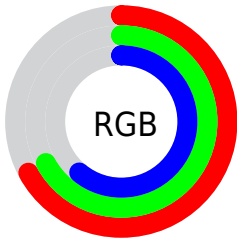
Format	Color
RYB	155, 172, 155
Decimal	11316379
CIELab	69.92, -3.05, 8.74
CIELCh	70, 9.258, 109.244
Yxy	40.6422, 0.3271, 0.3528
Android (android.graphics.Color)	4289506459 (0xFFACAC9B)
YUV	170.0620, -7.4256, 1.6996
Hunter-Lab	63.7513, -6.0563, 10.3333

Details

The YIQ color **170.0620, 5.4570, -5.2870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156.9380, -5.4570, 5.2870**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9480, 5.7780, -5.5980**, and **118.1760, 5.1360, -4.9760** is the 20% darker color. If you saturate the color by 10%, you get **168.1240, 10.9140, -10.5740**, and if you desaturate by 10%, it is **172.0000, -0.0000, -0.0000**.

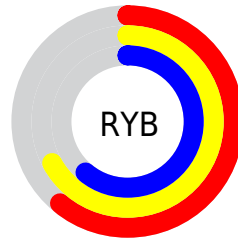
Distribution



Red (67%)

Green (67%)

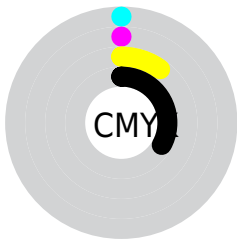
Blue (61%)



Red (61%)

Yellow (67%)

Blue (61%)

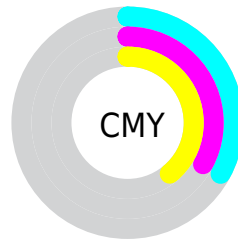


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.0620, 5.4570, -5.2870 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 170.0620, 5.4570, -5.2870 by changing the saturation by 10% instead.

 170.0620, 5.4570,
-5.2870


 170.0620, 5.4570,
-5.2870


255.0000, -0.0000,
-0.0000


 143.1760, 5.1360,
-4.9760


 224.9480, 5.7780,
-5.5980


 118.1760, 5.1360,
-4.9760

 253.0620, 5.4570,
-5.2870

 93.2900, 4.8150,
-4.6650

 69.4040, 4.4940,
-4.3540

 47.4040, 4.4940,
-4.3540

 26.4040, 4.4940,
-4.3540

 0.0000, 0.0000,

0.0000

■ 170.0620, 5.4570,
-5.2870

■ 170.0620, 5.4570,
-5.2870

■ 168.1240, 10.9140,
-10.5740

■ 172.0000, -0.0000,
-0.0000

■ 166.1860, 16.3710,
-15.8610

■ 173.9380, -5.4570,
5.2870

■ 164.1340, 22.1490,
-21.4590

■ 175.9900,
-11.2350, 10.8850

■ 162.1960, 27.6060,
-26.7460

■ 177.9280,
-16.6920, 16.1720

■ 160.2580, 33.0630,
-32.0330

■ 179.8660,
-22.1490, 21.4590

■ 158.3200, 38.5200,
-37.3200

■ 181.4620,
-26.6430, 25.8130

■ 156.3820, 43.9770,
-42.6070

■ 154.3300, 49.7550,
-48.2050

■ 152.3920, 55.2120,
-53.4920

Harmonies

Analogous

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



170.9920, 11.6460, -1.8100



170.0620, 5.4570, -5.2870



168.8160, -2.6580, -6.8980

Triad

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



170.0620, 5.4570, -5.2870



169.0350, -16.2760, -2.3880



172.8920, 9.3520, 6.7280

Complementary

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



170.0620, 5.4570, -5.2870



156.9380, -5.4570, 5.2870

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.



172.2980, 2.3370, 7.2090



170.0620, 5.4570, -5.2870



170.4100, -12.8380, 1.3860

Square

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



170.0620, 5.4570, -5.2870



168.2260, -15.4960, -5.5120



171.6390, -6.0530, 5.0750



172.2900, 13.9830, 5.3990

Rectangle

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



170.0620, 5.4570, -5.2870



168.4780, -7.5180, -6.9260



171.6390, -6.0530, 5.0750



172.6360, 7.1970, 7.2370

Sweetspot

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



170.0620, 5.4570, -5.2870



223.3160, 1.9260, -1.8660



160.0830, 10.1320, 3.6040



111.5440, 1.2840, -1.2440



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.



170.0620, 5.4570, -5.2870



220.9220, 8.6670, -8.3970



167.6700, 0.6890, -6.9830



85.9740, 2.8890, -2.7990



132.9000, 48.1500, -46.6500



20.3780, 7.3830, -7.1530

Inverse Universe

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



156.9380, -5.4570, 5.2870



200.0780, -8.6670, 8.3970



159.6290, -0.0930, 7.1950



79.0260, -2.8890, 2.7990



17.1000, -48.1500, 46.6500



2.6220, -7.3830, 7.1530

Previews

White Background



This preview shows how the YIQ color 170.0620, 5.4570, -5.2870 looks on a white background.

Color Contrast Check

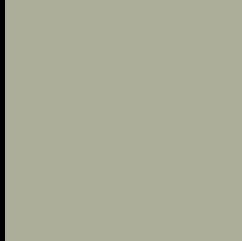
Large Text (above 18pt) WCAG AA × Fail

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 170.0620, 5.4570, -5.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

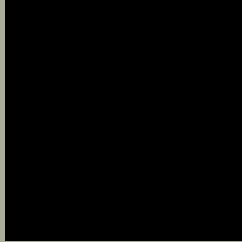
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.0620, 5.4570, -5.2870

Background



This preview shows how black text looks on a background with the YIQ color 170.0620, 5.4570, -5.2870.



This preview shows how white text looks on a background with the YIQ color 170.0620, 5.4570,

-5.2870.

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

170.0620, 5.4570, -5.2870

Protanopia

170.5680, 9.9040, -3.2800

Deuteranopia

172.3460, 19.5770, 3.1370



Tritanopia

171.8740, 0.5950, 5.7390

Trichromacy



Original Color

170.0620, 5.4570, -5.2870

Protanomaly

170.5570, 8.4370, -4.2270

Deuteranomaly

171.7150, 13.9840, -0.1280

Tritanomaly

171.1360, 2.6130, 2.2050

Monochromacy



Original Color

170.0620, 5.4570, -5.2870

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.3160, 1.9260, -1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0620, 5.4570, -5.2870 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, 172, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 155)  
}
```

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, 172, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 155) }
```

Border

The CSS property to change the border of an element to YIQ 170.0620, 5.4570, -5.2870 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, 172, 155) }
```


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

```
.border{ border-color:rgb(172, 172, 155) }
```

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

Here you see how a box with a 4 pixel rgb(172, 172, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0620, 5.4570, -5.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 155) }
```

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

```
.background{ background-color: rgb(172,  
172, 155) }
```

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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