

Converting Colors

YIQ(170.8770, 12.5670,
-24.0170)

Have a look what the booklet for
YIQ(170.8770, 12.5670, -24.0170)
contains.

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Color

**YIQ(170.8770, 12.5670,
-24.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B774
RGB	168, 183, 116
RGB Percent	66%, 72%, 45%
CMY	0.3413, 0.2823, 0.5450
CMYK	0.08, 0.00, 0.37, 0.28
HSL	73°, 32%, 59%
HSV	73°, 37%, 72%
XYZ	36.2329, 43.4537, 23.0086
YIQ	170.8770, 12.5670, -24.0170

Conversions

Conversions Part 2

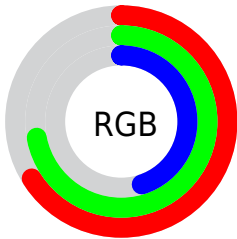
Format	Color
RYB	116, 183, 131
Decimal	11057012
CIELab	71.86, -16.17, 32.36
CIElCh	72, 36.176, 116.555
Yxy	43.4537, 0.3528, 0.4231
Android (android.graphics.Color)	4289247092 (0xFFA8B774)
YUV	170.8770, -27.0544, -2.5231
Hunter-Lab	65.9194, -17.2457, 25.4489

Details

The YIQ color **170.8770, 12.5670, -24.0170** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128.1230, -12.5670, 24.0170**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.5350, 13.5300, -24.9500**, and **118.2190, 11.6040, -23.0840** is the 20% darker color. If you saturate the color by 10%, you get **167.6290, 15.9610, -30.4630**, and if you desaturate by 10%, it is **174.1250, 9.1730, -17.5710**.

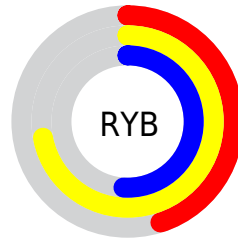
Distribution



Red (66%)

Green (72%)

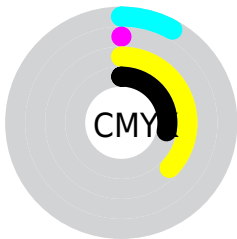
Blue (45%)



Red (45%)

Yellow (72%)

Blue (51%)

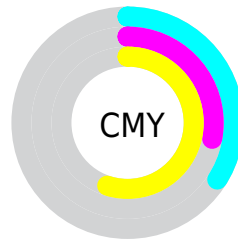


Cyan (8%)

Magenta (0%)

Yellow (37%)

Black (28%)



Cyan (34%)

Magenta (28%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.8770, 12.5670, -24.0170 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 170.8770, 12.5670, -24.0170 by changing the saturation by 10% instead.

■ 170.8770, 12.5670,
-24.0170

■ 170.8770, 12.5670,
-24.0170

255.0000, -0.0000,
-0.0000

■ 144.1050, 11.9250,
-23.3950

■ 226.5350, 13.5300,
-24.9500

■ 118.3330, 11.2830,
-22.7730

■ 247.6760, 17.7470,
-18.7730

■ 93.1480, 10.3660,
-22.6740

■ 251.4660, 9.9510,
-9.6410

■ 69.1480, 10.3660,
-22.6740

254.7720, 0.6420,
-0.6220

■ 46.6040, 9.0820,
-21.4300

■ 26.8130, 1.4240,
-14.8000

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 170.8770, 12.5670,
-24.0170

■ 170.8770, 12.5670,
-24.0170

■ 167.6290, 15.9610,
-30.4630

■ 174.1250, 9.1730,
-17.5710

■ 164.2670, 19.6760,
-37.2200

■ 177.4870, 5.4580,
-10.8140

■ 161.0190, 23.0700,
-43.6660

■ 180.7350, 2.0640,
-4.3680

■ 157.7710, 26.4640,
-50.1120

■ 183.9830, -1.3300,
2.0780

■ 154.2240, 29.2620,
-56.7700

■ 187.6440, -4.4490,
9.0470

■ 150.8620, 32.9770,
-63.5270

■ 190.8920, -7.8430,
15.4930

■ 149.8790, 34.3070,
-65.6050

■ 194.1400,
-11.2370, 21.9390

■ 196.5900,
-12.3840, 26.2080

■ 197.7860,
-10.0000, 27.0560

Harmonies

Analogous

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



174.4890, 37.5070, -13.4450



170.8770, 12.5670, -24.0170



165.9470, -19.9850, -28.7930

Triad

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



170.8770, 12.5670, -24.0170



158.3920, -83.4890, -12.2650



180.1340, 41.6260, 27.5620

Complementary

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



170.8770, 12.5670, -24.0170



128.1230, -12.5670, 24.0170

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.



181.0140, 15.7210, 28.9770



170.8770, 12.5670, -24.0170



169.9110, -53.5530, 6.8870

Square

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



170.8770, 12.5670, -24.0170



152.3940, -86.9710, -26.2590



178.3180, -17.6100, 21.7980



178.7420, 54.0530, 17.1010

Rectangle

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



170.8770, 12.5670, -24.0170



162.0290, -43.6430, -29.5550



178.3180, -17.6100, 21.7980



180.1810, 34.2440, 29.1880

Sweetspot

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



170.8770, 12.5670, -24.0170



232.2420, 4.7700, -9.3580



144.8380, 35.8070, 6.3590



116.9800, 2.7520, -5.8240



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



170.8770, 12.5670, -24.0170



218.2670, 19.6760, -37.2200



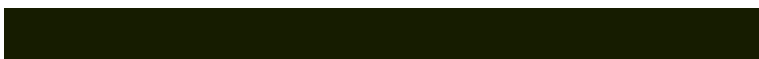
161.0100, -7.1010, -31.0130



90.3760, 1.6970, -3.2230



127.7510, 29.2160, -55.9360



23.0140, 5.4120, -9.9800

Inverse Universe

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



128.1230, -12.5670, 24.0170



151.7330, -19.6760, 37.2200



137.9900, 7.1010, 31.0130



84.6240, -1.6970, 3.2230



28.2490, -29.2160, 55.9360



4.9860, -5.4120, 9.9800

Previews

White Background



This preview shows how the YIQ color 170.8770, 12.5670, -24.0170 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 170.8770, 12.5670, -24.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

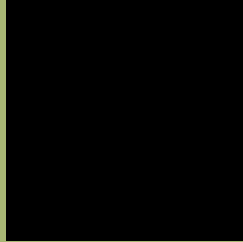
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.8770, 12.5670, -24.0170

Background



This preview shows how black text looks on a background with the YIQ color 170.8770, 12.5670, -24.0170.



This preview shows how white text looks on a background with the YIQ color 170.8770, 12.5670,

-24.0170.

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

170.8770, 12.5670, -24.0170

Protanopia

173.3030, 29.1630, -16.4130

Deuteranopia

174.9720, 40.7610, -6.3350



Tritanopia

176.4930, -2.7060, 4.9900

Trichromacy



Original Color

170.8770, 12.5670, -24.0170

Protanomaly

172.7860, 23.2490, -19.3670

Deuteranomaly

173.3080, 30.7670, -12.4410

Tritanomaly

174.3930, 3.0270, -5.3010

Monochromacy



Original Color

170.8770, 12.5670, -24.0170

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.7690, 4.7240, -8.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8770, 12.5670, -24.0170 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(168, 183, 116)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 116)  
}
```

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(168, 183, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 116) }
```

Border

The CSS property to change the border of an element to YIQ 170.8770, 12.5670, -24.0170 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(168, 183, 116) }
```


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

```
.border{ border-color:rgb(168, 183, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 183, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 183, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 183, 116); box-shadow:4px 4px 4px 4px rgb(168, 183, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8770, 12.5670, -24.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 183, 116) }
```

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

```
.background{ background-color: rgb(168,  
183, 116) }
```

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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