

Converting Colors

YIQ(172.7970, -0.5060, 9.1740)

Have a look what the booklet for
YIQ(172.7970, -0.5060, 9.1740)
contains.

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Color

**YIQ(172.7970, -0.5060,
9.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A7BD
RGB	178, 167, 189
RGB Percent	70%, 65%, 74%
CMY	0.3019, 0.3451, 0.2588
CMYK	0.06, 0.12, 0.00, 0.26
HSL	270°, 14%, 70%
HSV	270°, 12%, 74%
XYZ	41.3651, 40.7759, 53.8317
YIQ	172.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

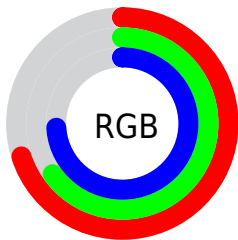
Format	Color
R_{YB}	178, 167, 189
Decimal	11708349
CIE Lab	70.02, 8.14, -9.84
CIE LCh	70, 12.768, 309.605
Yxy	40.7759, 0.3042, 0.2999
Android (android.graphics.Color)	4289898429 (0xFFB2A7BD)
YUV	172.7970, 7.9881, 4.5630
Hunter-Lab	63.8560, 3.8821, -5.2833

Details

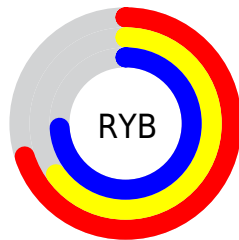
The YIQ color $172.7970, -0.5060, 9.1740$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $183.2030, 0.5060, -9.1740$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.2100, -0.2310, 9.6970$, and $120.3840, -0.7810, 8.6510$ is the 20% darker color. If you saturate the color by 10%, you get $158.9530, -0.6450, 17.2030$, and if you desaturate by 10%, it is $186.6410, -0.3670, 1.1450$.

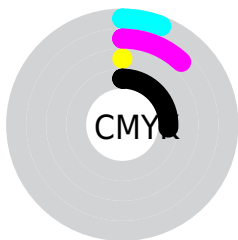
Distribution



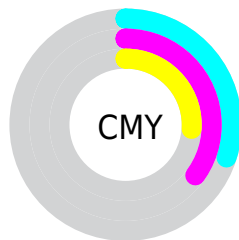
- Red (70%)
- Green (65%)
- Blue (74%)



- Red (70%)
- Yellow (65%)
- Blue (74%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7970, -0.5060, 9.1740 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 172.7970, -0.5060, 9.1740 by changing the saturation by 10% instead.

■ 172.7970, -0.5060,
9.1740

■ 172.7970, -0.5060,
9.1740

255.0000, -0.0000,
-0.0000

■ 146.3840, -0.7810,
8.6510

■ 228.2100, -0.2310,
9.6970

■ 120.3840, -0.7810,
8.6510

■ 252.6520, 1.1000,
2.0920

■ 95.8570, -0.7350,
7.8170

■ 71.8570, -0.7350,
7.8170

■ 49.4440, -1.0100,
7.2940

■ 28.3300, -0.6890,
6.9830

■ 5.3840, -0.7810,

8.6510

■ 0.0000, 0.0000,
0.0000

■ 172.7970, -0.5060,
9.1740

■ 172.7970, -0.5060,
9.1740

■ 158.9530, -0.6450,
17.2030

■ 186.6410, -0.3670,
1.1450

■ 144.8100, -1.3800,
25.0200

■ 200.7840, 0.3680,
-6.6720

■ 130.9660, -1.5190,
33.0490

■ 214.6280, 0.5070,
-14.7010

■ 116.8230, -2.2540,
40.8660

■ 228.7710, 1.2420,
-22.5180

■ 103.5660, -2.6680,
48.3720

■ 238.5060, 3.3060,
-26.8860

89.4230, -3.4030,
56.1890

241.4960, 9.2660,
-24.7660

75.5790, -3.5420,
64.2180

244.1870, 14.6300,
-22.8580

61.7350, -3.6810,
72.2470

247.1770, 20.5900,
-20.7380

49.9510, -4.0490,
78.9190

247.4760, 21.1860,
-20.5260

Harmonies

Analogous

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



171.2300, -12.1510, 5.4570



172.7970, -0.5060, 9.1740



173.4840, 10.6810, 10.1770

Triad

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



172.7970, -0.5060, 9.1740



171.9280, 17.6980, -1.3580



167.1930, -19.8970, -8.3530

Complementary

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



172.7970, -0.5060, 9.1740



183.2030, 0.5060, -9.1740

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.



167.6300, -11.0020, -9.8660



172.7970, -0.5060, 9.1740



170.7590, 10.6840, -6.4040

Square

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



172.7970, -0.5060, 9.1740



173.0580, 20.4480, 3.8720



168.9040, -0.0900, -9.3860



167.4470, -23.4280, -4.9320

Rectangle

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



172.7970, -0.5060, 9.1740



173.2950, 15.5870, 9.3710



168.9040, -0.0900, -9.3860



167.3350, -17.4210, -9.1730

Sweetspot

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



172.7970, -0.5060, 9.1740



239.1080, -0.1840, 3.3360



175.9650, -10.0870, 1.0890



119.0540, -0.0920, 1.6680



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.



172.7970, -0.5060, 9.1740



219.9590, -0.7820, 14.1780



176.0860, 6.0500, 11.5060



87.5210, 0.0910, 3.8590



41.6330, -3.6340, 65.8860



8.0190, -1.0110, 12.8210

Inverse Universe

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



174.8320, 9.5810, 8.0850



223.1040, 14.8070, 12.4950



179.9140, -6.0500, -11.5060



88.2610, 3.7590, 3.4630



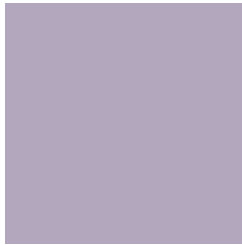
56.2480, 68.8090, 58.0650



10.9790, 13.6610, 11.2370

Previews

White Background



This preview shows how the YIQ color 172.7970, -0.5060, 9.1740 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 172.7970, -0.5060, 9.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

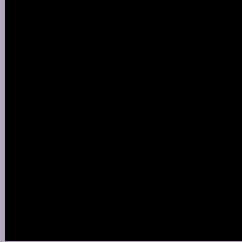
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7970, -0.5060, 9.1740

Background



This preview shows how black text looks on a background with the YIQ color 172.7970, -0.5060, 9.1740.



This preview shows how white text looks on a background with the YIQ color 172.7970, -0.5060,

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

172.7970, -0.5060, 9.1740

Protanopia

171.7960, -7.9330, 6.1070

Deuteranopia

172.5090, 0.3650, 9.9090



Tritanopia

172.2870, 0.8700, 6.2620

Trichromacy



Original Color

172.7970, -0.5060, 9.1740

Protanomaly

172.2910, -4.9530, 7.1670

Deuteranomaly

172.5090, 0.3650, 9.9090

Tritanomaly

172.6290, -0.0930, 7.1950

Monochromacy



Original Color

172.7970, -0.5060, 9.1740

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1080, -0.1840, 3.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7970, -0.5060, 9.1740 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, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 189)  
}
```

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, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 189) }
```

Border

The CSS property to change the border of an element to YIQ 172.7970, -0.5060, 9.1740 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, 167, 189) }
```


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

```
.border{ border-color:rgb(178, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7970, -0.5060, 9.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 189) }
```

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

```
.background{ background-color: rgb(178,  
167, 189) }
```

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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