

Converting Colors

YIQ(172.2040, -9.2620, 2.6580)

Have a look what the booklet for
YIQ(172.2040, -9.2620, 2.6580)
contains.

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Color

**YIQ(172.2040, -9.2620,
2.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ADBB
RGB	165, 173, 187
RGB Percent	65%, 68%, 73%
CMY	0.3529, 0.3215, 0.2667
CMYK	0.12, 0.07, 0.00, 0.27
HSL	218°, 14%, 69%
HSV	218°, 12%, 73%
XYZ	39.4291, 41.4748, 52.9342
YIQ	172.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

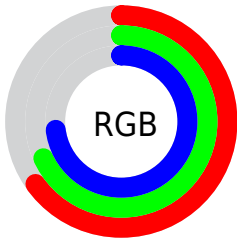
Format	Color
RYB	165, 171, 187
Decimal	10857915
CIELab	70.51, 0.03, -8.11
CIELCh	71, 8.111, 270.189
Yxy	41.4748, 0.2946, 0.3099
Android (android.graphics.Color)	4289047995 (0xFFA5ADBB)
YUV	172.2040, 7.2944, -6.3179
Hunter-Lab	64.4010, -3.4162, -3.6526

Details

The YIQ color **172.2040, -9.2620, 2.6580** is a light color, and the websafe version is hex **999999**. A complement of this color would be **179.7960, 9.2620, -2.6580**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.3180, -9.5830, 2.9690**, and **120.0900, -8.9410, 2.3470** is the 20% darker color. If you saturate the color by 10%, you get **159.4790, -17.2860, 4.9060**, and if you desaturate by 10%, it is **184.9290, -1.2380, 0.4100**.

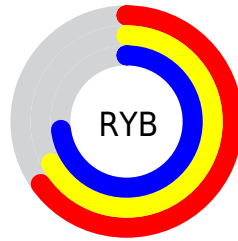
Distribution



Red (65%)

Green (68%)

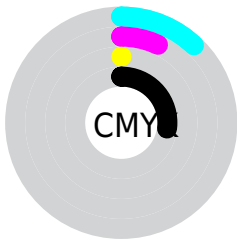
Blue (73%)



Red (65%)

Yellow (67%)

Blue (73%)

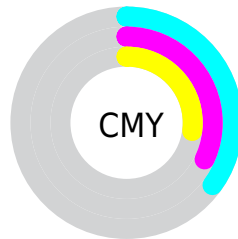


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2040, -9.2620, 2.6580 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 172.2040, -9.2620, 2.6580 by changing the saturation by 10% instead.

■ 172.2040, -9.2620,
2.6580

■ 172.2040, -9.2620,
2.6580

■ 255.0000, -0.0000,
-0.0000

■ 145.5030, -8.6660,
2.8700

■ 227.3180, -9.5830,
2.9690

■ 120.0900, -8.9410,
2.3470

■ 253.2060, -3.5760,
-1.2720

■ 95.0900, -8.9410,
2.3470

■ 71.2750, -8.0240,
2.2480

■ 49.1610, -7.7030,
1.9370

■ 28.0470, -7.3820,
1.6260

■ 3.9270, -6.9240,

4.3400

■ 0.0000, 0.0000,
0.0000

■ 172.2040, -9.2620,
2.6580

■ 172.2040, -9.2620,
2.6580

■ 159.4790,
-17.2860, 4.9060

■ 184.9290, -1.2380,
0.4100

■ 147.0530,
-24.7140, 7.3660

■ 197.3550, 6.1900,
-2.0500

■ 134.3280,
-32.7380, 9.6140

■ 210.0800, 14.2140,
-4.2980

■ 121.6030,
-40.7620, 11.8620

■ 222.8050, 22.2380,
-6.5460

■ 109.7640,
-48.4650, 13.7990

■ 233.7470, 28.1530,
-9.1190

■ 97.0390, -56.4890,
16.0470

■ 240.7910, 24.8530,
-15.3950

■ 84.3140, -64.5130,
18.2950

■ 247.2480, 21.8280,
-21.1480

■ 71.5890, -72.5370,
20.5430

■ 61.2340, -78.7270,
22.5930

Harmonies

Analogous

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



171.0570, -13.3420, -0.4940



172.2040, -9.2620, 2.6580



173.4930, -2.7060, 4.9900

Triad

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



172.2040, -9.2620, 2.6580



173.9370, 13.4790, 3.5190



170.5600, -4.8130, -6.3890

Complementary

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



172.2040, -9.2620, 2.6580



179.7960, 9.2620, -2.6580

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.



171.2080, 2.1100, -5.2020



172.2040, -9.2620, 2.6580



173.3450, 12.1500, 0.0700

Square

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



172.2040, -9.2620, 2.6580



174.5500, 10.3150, 5.7950



172.4970, 8.6660, -2.8700



170.1510, -10.9110, -6.0070

Rectangle

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



172.2040, -9.2620, 2.6580



173.7710, 2.3830, 6.3750



172.4970, 8.6660, -2.8700



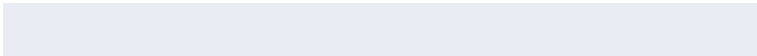
171.2290, -2.3830, -6.3750

Sweetspot

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



172.2040, -9.2620, 2.6580



235.7870, -3.7140, 1.2300



179.5100, -10.5440, -7.1520



118.4450, -2.7510, 0.2970



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.



172.2040, -9.2620, 2.6580



219.5070, -14.4890, 3.7750



168.4050, -5.2740, 7.4780



87.7870, -3.7140, 1.2300



52.0580, -66.6680, 18.8040



9.9910, -12.9760, 3.8880

Inverse Universe

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



172.4900, 10.5440, 7.1520



219.6480, 16.0910, 11.2510



183.5950, 5.2740, -7.4780



88.0330, 4.4010, 2.8410



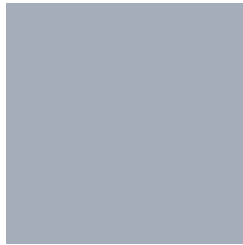
53.8540, 75.5500, 51.5340



10.5230, 14.9450, 9.9930

Previews

White Background



This preview shows how the YIQ color 172.2040, -9.2620, 2.6580 looks on a white background.

Color Contrast Check

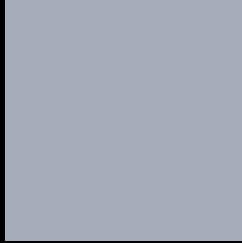
Large Text (above 18pt) WCAG AA × Fail

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 172.2040, -9.2620, 2.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

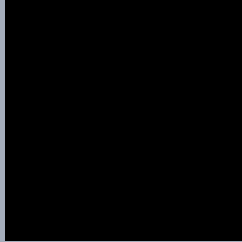
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2040, -9.2620, 2.6580

Background



This preview shows how black text looks on a background with the YIQ color 172.2040, -9.2620, 2.6580.



This preview shows how white text looks on a background with the YIQ color 172.2040, -9.2620,

2.6580.

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

172.2040, -9.2620, 2.6580

Protanopia

172.7100, -4.8150, 4.6650

Deuteranopia

173.8790, 2.1990, 9.7110



Tritanopia

172.2040, -9.2620, 2.6580

Trichromacy



Original Color

172.2040, -9.2620, 2.6580

Protanomaly

172.6990, -6.2820, 3.7180

Deuteranomaly

173.2590, -1.9270, 7.3930

Tritanomaly

172.2040, -9.2620, 2.6580

Monochromacy



Original Color

172.2040, -9.2620, 2.6580

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6730, -3.3930, 0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2040, -9.2620, 2.6580 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(165, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 187)  
}
```

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(165, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 187) }
```

Border

The CSS property to change the border of an element to YIQ 172.2040, -9.2620, 2.6580 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(165, 173, 187) }
```


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

```
.border{ border-color:rgb(165, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 173, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 173, 187);  
box-shadow:4px 4px 4px 4px rgb(165, 173,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2040, -9.2620, 2.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 187) }
```

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

```
.background{ background-color: rgb(165,  
173, 187) }
```

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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