

Converting Colors

YIQ(172.2080, -5.9170, 13.6270)

Have a look what the booklet for
YIQ(172.2080, -5.9170, 13.6270)
contains.

YIQ(172.2080, -5.9170, 13.6270)	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(172.2080, -5.9170,
13.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA5CA
RGB	175, 165, 202
RGB Percent	69%, 65%, 79%
CMY	0.3137, 0.3529, 0.2079
CMYK	0.13, 0.18, 0.00, 0.21
HSL	256°, 26%, 72%
HSV	256°, 18%, 79%
XYZ	41.7954, 40.2878, 61.4423
YIQ	172.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

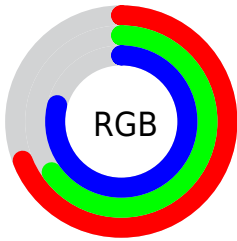
Format	Color
R _Y B	175, 165, 202
Decimal	11511242
CIE Lab	69.67, 10.93, -17.56
CIE LCh	70, 20.684, 301.912
Yxy	40.2878, 0.2912, 0.2807
Android (android.graphics.Color)	4289701322 (0xFFAFA5CA)
YUV	172.2080, 14.6875, 2.4486
Hunter-Lab	63.4726, 6.4613, -12.9626

Details

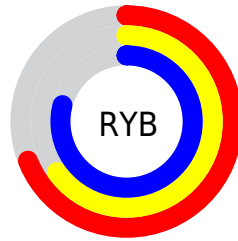
The YIQ color $172.2080, -5.9170, 13.6270$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $194.7920, 5.9170, -13.6270$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.2790, -4.6790, 13.2170$, and $119.6810, -5.8710, 12.7930$ is the 20% darker color. If you saturate the color by 10%, you get $155.9830, -9.3570, 20.9070$, and if you desaturate by 10%, it is $188.4330, -2.4770, 6.3470$.

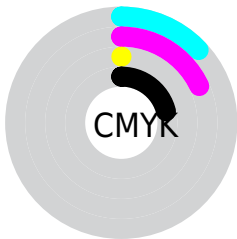
Distribution



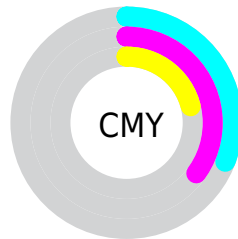
- Red (69%)
- Green (65%)
- Blue (79%)



- Red (69%)
- Yellow (65%)
- Blue (79%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2080, -5.9170, 13.6270 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 172.2080, -5.9170, 13.6270 by changing the saturation by 10% instead.

■ 172.2080, -5.9170,
13.6270

■ 172.2080, -5.9170,
13.6270

■ 255.0000, -0.0000,
-0.0000

■ 145.7950, -6.1920,
13.1040

■ 227.2790, -4.6790,
13.2170

■ 119.6810, -5.8710,
12.7930

■ 251.4780, 1.6500,
3.1380

■ 95.1540, -5.8250,
11.9590

■ 71.0400, -5.5040,
11.6480

■ 48.5130, -5.4580,
10.8140

■ 27.6870, -6.0080,
9.7680

■ 4.9150, -6.6500,

10.3900

■ 0.0000, 0.0000,
0.0000

■ 172.2080, -5.9170,
13.6270

■ 172.2080, -5.9170,
13.6270

■ 155.9830, -9.3570,
20.9070

■ 188.4330, -2.4770,
6.3470

■ 140.0570,
-12.2010, 28.3990

■ 204.3590, 0.3670,
-1.1450

■ 123.2450,
-15.3660, 36.2020

■ 221.1710, 3.5320,
-8.9480

■ 107.0200,
-18.8060, 43.4820

■ 237.3960, 6.9720,
-16.2280

■ 90.7950, -22.2460,
50.7620

■ 247.1640, 13.4370,
-17.7550

■ 74.8690, -25.0900,
58.2540

■ 248.9580, 17.0130,
-16.4830

■ 58.6440, -28.5300,
65.5340

■ 41.8320, -31.6950,
73.3370

■ 39.4730, -32.0620,
74.4820

Harmonies

Analogous

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



168.8250, -24.0720, 6.7440



172.2080, -5.9170, 13.6270



173.3690, 12.7430, 16.8630

Triad

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



172.2080, -5.9170, 13.6270



171.2130, 30.0770, 0.0690



162.8170, -30.7620, -15.1940

Complementary

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



172.2080, -5.9170, 13.6270



194.7920, 5.9170, -13.6270

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.



164.5600, -13.9810, -16.4530



172.2080, -5.9170, 13.6270



169.0820, 19.9000, -8.2280

Square

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



172.2080, -5.9170, 13.6270



172.1520, 32.0470, 8.4230



167.1940, 4.7250, -14.0510



162.4880, -39.8410, -10.3450

Rectangle

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



172.2080, -5.9170, 13.6270



173.5180, 22.5090, 16.0850



167.1940, 4.7250, -14.0510



163.5140, -25.5350, -16.3110

Sweetspot

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



172.2080, -5.9170, 13.6270



244.6780, -1.7890, 4.8910



185.0670, -19.3020, -2.6140



121.5100, -1.3760, 2.9120



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



172.2080, -5.9170, 13.6270



209.8690, -9.0360, 20.5960



177.5900, 4.8110, 17.4430



94.0370, -1.4220, 3.7460



32.3790, -26.4660, 61.1660



7.3220, -6.2380, 13.9380

Inverse Universe

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



179.1410, 13.3850, 16.2410



220.4180, 20.2150, 24.6230



189.4100, -4.8110, -17.4430



95.7880, 3.7130, 4.2970



63.4280, 60.0950, 72.8230



14.5540, 13.6600, 16.7640

Previews

White Background



This preview shows how the YIQ color 172.2080, -5.9170, 13.6270 looks on a white background.

Color Contrast Check

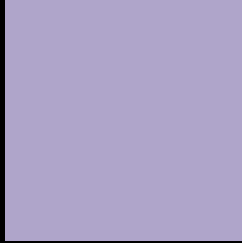
Large Text (above 18pt) WCAG AA × Fail

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 172.2080, -5.9170, 13.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

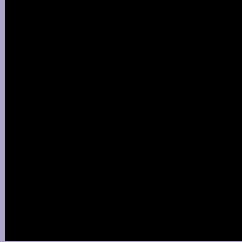
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2080, -5.9170, 13.6270

Background



This preview shows how black text looks on a background with the YIQ color 172.2080, -5.9170, 13.6270.



This preview shows how white text looks on a background with the YIQ color 172.2080, -5.9170,

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

172.2080, -5.9170, 13.6270

Protanopia

171.1960, -14.8110, 9.6130

Deuteranopia

171.5990, -8.5760, 12.2560



Tritanopia

171.3790, -2.3850, 4.6790

Trichromacy



Original Color

172.2080, -5.9170, 13.6270

Protanomaly

171.6910, -11.8310, 10.6730

Deuteranomaly

171.8980, -7.9800, 12.4680

Tritanomaly

171.8890, -3.7610, 7.5910

Monochromacy



Original Color

172.2080, -5.9170, 13.6270

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.7920, -2.1100, 5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2080, -5.9170, 13.6270 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(175, 165, 202)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 202)  
}
```

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(175, 165, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 202) }
```

Border

The CSS property to change the border of an element to YIQ 172.2080, -5.9170, 13.6270 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(175, 165, 202) }
```


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

```
.border{ border-color:rgb(175, 165, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 202);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2080, -5.9170, 13.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 202) }
```

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

```
.background{ background-color: rgb(175,  
165, 202) }
```

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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