

Converting Colors

YIQ(172.4470, -14.2600, 5.1320)

Have a look what the booklet for
YIQ(172.4470, -14.2600, 5.1320)
contains.

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Color

**YIQ(172.4470, -14.2600,
5.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ADC5
RGB	162, 173, 197
RGB Percent	64%, 68%, 77%
CMY	0.3647, 0.3215, 0.2275
CMYK	0.18, 0.12, 0.00, 0.23
HSL	221°, 23%, 70%
HSV	221°, 18%, 77%
XYZ	39.9200, 41.6004, 58.7375
YIQ	172.4470, -14.2600, 5.1320

Conversions

Conversions Part 2

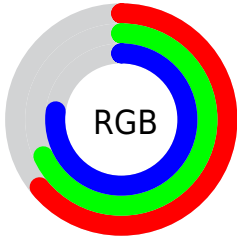
Format	Color
RYB	162, 170, 197
Decimal	10661317
CIELab	70.59, 1.19, -13.51
CIELCh	71, 13.562, 275.044
Yxy	41.6004, 0.2846, 0.2966
Android (android.graphics.Color)	4288851397 (0xFFA2ADC5)
YUV	172.4470, 12.1046, -9.1620
Hunter-Lab	64.4983, -2.3929, -8.8455

Details

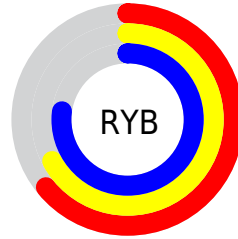
The YIQ color $172.4470, -14.2600, 5.1320$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $186.5530, 14.2600, -5.1320$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.6750, -14.9020, 5.7540$, and $120.2190, -13.6180, 4.5100$ is the 20% darker color. If you saturate the color by 10%, you get $158.8360, -22.6050, 7.6910$, and if you desaturate by 10%, it is $186.6450, -6.1900, 2.0500$.

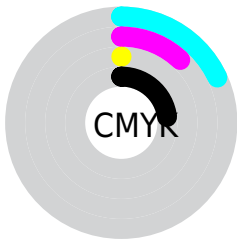
Distribution



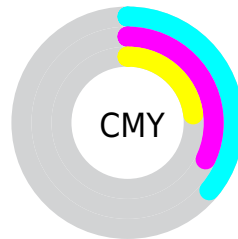
- Red (64%)
- Green (68%)
- Blue (77%)



- Red (64%)
- Yellow (67%)
- Blue (77%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4470, -14.2600, 5.1320 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 172.4470, -14.2600, 5.1320 by changing the saturation by 10% instead.

■ 172.4470,
-14.2600, 5.1320

■ 172.4470,
-14.2600, 5.1320

■ 255.0000, -0.0000,
-0.0000

■ 145.7460,
-13.6640, 5.3440

■ 227.6750,
-14.9020, 5.7540

■ 120.2190,
-13.6180, 4.5100

■ 252.3090, -5.3640,
-1.9080

■ 95.2190, -13.6180,
4.5100

■ 71.4040, -12.7010,
4.4110

■ 48.8770, -12.6550,
3.5770

■ 27.4640, -12.9300,
3.0540

■ 4.8390, -9.4920,

6.8280

■ 0.0000, 0.0000,
0.0000

■ 172.4470,
-14.2600, 5.1320

■ 172.4470,
-14.2600, 5.1320

■ 158.8360,
-22.6050, 7.6910

■ 186.6450, -6.1900,
2.0500

■ 144.9370,
-30.0790, 10.9850

■ 199.9570, 1.5590,
-0.7210

■ 131.3260,
-38.4240, 13.5440

■ 214.1550, 9.6290,
-3.8030

■ 117.1280,
-46.4940, 16.6260

■ 227.7660, 17.9740,
-6.3620

■ 103.8160,
-54.2430, 19.3970

■ 240.1700, 22.4680,
-10.7160

■ 89.6180, -62.3130,
22.4790

■ 247.8010, 18.8930,
-17.5150

■ 76.0070, -70.6580,
25.0380

■ 248.3880, 18.6180,
-18.0380

■ 61.8090, -78.7280,
28.1200

■ 58.8520, -80.2870,
28.8410

Harmonies

Analogous

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



170.3810, -23.0620, -0.5500



172.4470, -14.2600, 5.1320



174.4270, -2.3400, 9.3720

Triad

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



172.4470, -14.2600, 5.1320



174.1830, 21.5940, 5.1300



169.2880, -10.0390, -10.7990

Complementary

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



172.4470, -14.2600, 5.1320



186.5530, 14.2600, -5.1320

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.



170.5730, 2.3400, -9.3720



172.4470, -14.2600, 5.1320



173.2380, 19.7610, -0.1990

Square

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



172.4470, -14.2600, 5.1320



174.9640, 18.0170, 9.3850



171.9550, 13.0680, -5.5560



168.2530, -20.1260, -9.7100

Rectangle

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



172.4470, -14.2600, 5.1320



174.6730, 5.7750, 10.9830



171.9550, 13.0680, -5.5560



169.4410, -6.0960, -10.6720

Sweetspot

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



172.4470, -14.2600, 5.1320



245.8300, -5.2730, 1.9510



185.2810, -17.3290, -10.8410



122.0860, -3.1180, 1.4420



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.



172.4470, -14.2600, 5.1320



217.1350, -22.0090, 7.9030



167.7840, -7.6590, 12.1570



92.7870, -3.7140, 1.2300



48.5190, -66.3480, 24.0200



10.5610, -14.5810, 5.4430

Inverse Universe

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



173.7190, 17.3290, 10.8410



219.0840, 26.7270, 16.7350



191.2160, 7.6590, -12.1570



93.0330, 4.4010, 2.8410



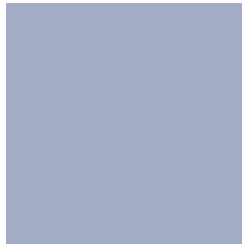
54.5510, 80.7770, 50.4170



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 172.4470, -14.2600, 5.1320 looks on a white background.

Color Contrast Check

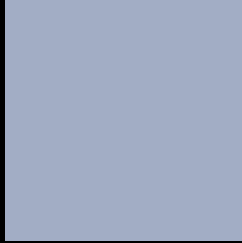
Large Text (above 18pt) WCAG AA × Fail

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 172.4470, -14.2600, 5.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

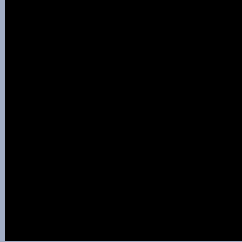
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.4470, -14.2600, 5.1320

Background



This preview shows how black text looks on a background with the YIQ color 172.4470, -14.2600, 5.1320.



This preview shows how white text looks on a background with the YIQ color 172.4470, -14.2600,

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

172.4470, -14.2600, 5.1320

Protanopia

173.2520, -9.2170, 7.3510

Deuteranopia

174.1110, -4.2660, 11.2380



Tritanopia

171.4100, -12.8380, 1.3860

Trichromacy



Original Color

172.4470, -14.2600, 5.1320

Protanomaly

172.9420, -11.2800, 6.1920

Deuteranomaly

173.7900, -7.7960, 9.1320

Tritanomaly

172.0510, -13.2050, 2.5310

Monochromacy



Original Color

172.4470, -14.2600, 5.1320

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8300, -5.2730, 1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4470, -14.2600, 5.1320 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(162, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 197)  
}
```

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(162, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 197) }
```

Border

The CSS property to change the border of an element to YIQ 172.4470, -14.2600, 5.1320 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(162, 173, 197) }
```


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

```
.border{ border-color:rgb(162, 173, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4470, -14.2600, 5.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 197) }
```

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

```
.background{ background-color: rgb(162,  
173, 197) }
```

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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