

Converting Colors

YIQ(174.7890, -15.2230, 6.0650)

Have a look what the booklet for
YIQ(174.7890, -15.2230, 6.0650)
contains.

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Color

**YIQ(174.7890, -15.2230,
6.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AFCA
RGB	164, 175, 202
RGB Percent	64%, 69%, 79%
CMY	0.3569, 0.3137, 0.2079
CMYK	0.19, 0.13, 0.00, 0.21
HSL	223°, 26%, 72%
HSV	223°, 19%, 79%
XYZ	41.2984, 42.8173, 61.9521
YIQ	174.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

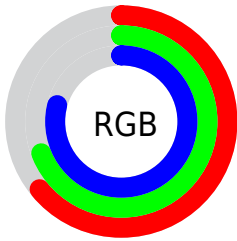
Format	Color
RYB	164, 173, 202
Decimal	10792906
CIELab	71.43, 1.85, -14.99
CIELCh	71, 15.099, 277.033
Yxy	42.8173, 0.2827, 0.2931
Android (android.graphics.Color)	4288982986 (0xFFA4AFCA)
YUV	174.7890, 13.4150, -9.4620
Hunter-Lab	65.4349, -1.8531, -10.3298

Details

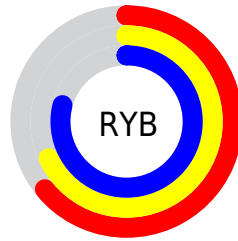
The YIQ color **174.7890, -15.2230, 6.0650** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191.2110, 15.2230, -6.0650**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.5610, -14.5810, 5.4430**, and **122.5610, -14.5810, 5.4430** is the 20% darker color. If you saturate the color by 10%, you get **160.5910, -23.2930, 9.1470**, and if you desaturate by 10%, it is **188.9870, -7.1530, 2.9830**.

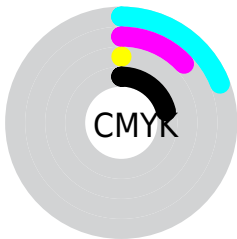
Distribution



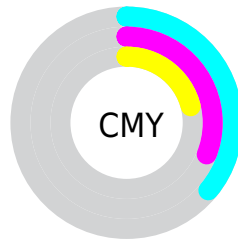
- Red (64%)
- Green (69%)
- Blue (79%)



- Red (64%)
- Yellow (68%)
- Blue (79%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7890, -15.2230, 6.0650 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 174.7890, -15.2230, 6.0650 by changing the saturation by 10% instead.

■ 174.7890,
-15.2230, 6.0650

■ 174.7890,
-15.2230, 6.0650

■ 255.0000, -0.0000,
-0.0000

■ 147.7890,
-15.2230, 6.0650

■ 229.5610,
-14.5810, 5.4430

■ 122.5610,
-14.5810, 5.4430

■ 252.9070, -4.1720,
-1.4840

■ 97.4470, -14.2600,
5.1320

■ 73.3330, -13.9390,
4.8210

■ 50.8060, -13.8930,
3.9870

■ 29.3930, -14.1680,
3.4640

■ 6.3550, -11.0050,

6.7150

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 174.7890,
-15.2230, 6.0650

■ 174.7890,
-15.2230, 6.0650

■ 160.5910,
-23.2930, 9.1470

■ 188.9870, -7.1530,
2.9830

■ 145.8060,
-31.0880, 12.7520

■ 203.7720, 0.6420,
-0.6220

■ 131.3090,
-39.7540, 15.6220

■ 218.2690, 9.3080,
-3.4920

■ 117.1110,
-47.8240, 18.7040

■ 232.4670, 17.3780,
-6.5740

■ 102.3260,
-55.6190, 22.3090

■ 244.2620, 19.2130,
-12.2990

■ 88.1280, -63.6890,
25.3910

■ 248.9580, 17.0130,
-16.4830

■ 73.9300, -71.7590,
28.4730

■ 58.8460, -80.1500,
31.8660

■ 57.6610, -81.0670,
31.9650

Harmonies

Analogous

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



172.1250, -25.2170, -0.0410



174.7890, -15.2230, 6.0650



176.6660, -1.5150, 10.9410

Triad

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



174.7890, -15.2230, 6.0650



176.8520, 24.0240, 5.1440



170.9780, -12.1020, -11.9580

Complementary

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



174.7890, -15.2230, 6.0650



191.2110, 15.2230, -6.0650

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.



172.4480, 1.1940, -10.6300



174.7890, -15.2230, 6.0650



175.4940, 21.9160, -0.7080

Square

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



174.7890, -15.2230, 6.0650



177.1600, 20.4010, 10.2330



174.3140, 13.4350, -6.7010



169.8720, -23.4270, -10.4590

Rectangle

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



174.7890, -15.2230, 6.0650



177.6840, 7.2420, 11.9300



174.3140, 13.4350, -6.7010



171.4300, -7.5630, -11.6190

Sweetspot

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



174.7890, -15.2230, 6.0650



244.0580, -5.9150, 2.5730



189.3840, -19.1170, -11.4770



121.2000, -3.4390, 1.7530



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.



174.7890, -15.2230, 6.0650



212.7050, -23.6140, 9.4580



170.7240, -7.4300, 13.5140



94.9010, -4.0350, 1.5410



47.1000, -66.4860, 26.5220



10.7890, -15.2230, 6.0650

Inverse Universe

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



176.6160, 19.1170, 11.4770



215.5790, 29.7070, 17.7950



195.2760, 7.4300, -13.5140



95.3320, 4.9970, 3.0530



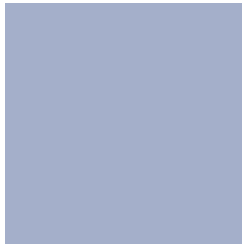
55.1060, 83.5280, 50.1200



12.6160, 19.1170, 11.4770

Previews

White Background



This preview shows how the YIQ color 174.7890, -15.2230, 6.0650 looks on a white background.

Color Contrast Check

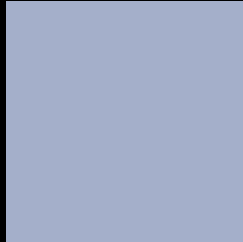
Large Text (above 18pt) WCAG AA × Fail

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 174.7890, -15.2230, 6.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

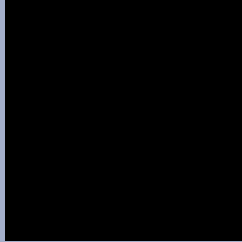
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.7890, -15.2230, 6.0650

Background



This preview shows how black text looks on a background with the YIQ color 174.7890, -15.2230, 6.0650.



This preview shows how white text looks on a background with the YIQ color 174.7890, -15.2230,

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

174.7890, -15.2230, 6.0650

Protanopia

175.2950, -10.7760, 8.0720

Deuteranopia

176.1540, -5.8250, 11.9590



Tritanopia

174.1110, -13.4340, 1.1740

Trichromacy



Original Color

174.7890, -15.2230, 6.0650

Protanomaly

175.2840, -12.2430, 7.1250

Deuteranomaly

175.8330, -9.3550, 9.8530

Tritanomaly

174.2790, -13.8470, 3.1530

Monochromacy



Original Color

174.7890, -15.2230, 6.0650

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9440, -5.5940, 2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7890, -15.2230, 6.0650 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(164, 175, 202)` looks like.

```
.text, #text, p{  
    color:rgb(164, 175, 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(164, 175, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 175, 202) }
```

Border

The CSS property to change the border of an element to YIQ 174.7890, -15.2230, 6.0650 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(164, 175, 202) }
```


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

```
.border{ border-color:rgb(164, 175, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 175, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 175, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 175, 202);  
box-shadow:4px 4px 4px 4px rgb(164, 175,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7890, -15.2230, 6.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 175, 202) }
```

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

```
.background{ background-color: rgb(164,  
175, 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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