

Converting Colors

YIQ(173.2840, -12.2430, 7.1250)

Have a look what the booklet for
YIQ(173.2840, -12.2430, 7.1250)
contains.

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Color

**YIQ(173.2840, -12.2430,
7.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ACC7
RGB	166, 172, 199
RGB Percent	65%, 67%, 78%
CMY	0.3490, 0.3255, 0.2197
CMYK	0.17, 0.14, 0.00, 0.22
HSL	229°, 23%, 72%
HSV	229°, 17%, 78%
XYZ	40.7858, 41.7358, 59.9282
YIQ	173.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

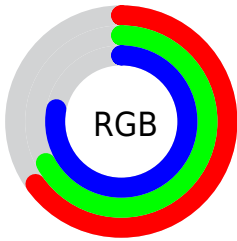
Format	Color
R _Y B	166, 171, 199
Decimal	10923207
CIE Lab	70.69, 3.48, -14.44
CIE LCh	71, 14.853, 283.532
Yxy	41.7358, 0.2863, 0.2930
Android (android.graphics.Color)	4289113287 (0xFFA6ACC7)
YUV	173.2840, 12.6780, -6.3881
Hunter-Lab	64.6032, -0.3638, -9.7772

Details

The YIQ color $173.2840, -12.2430, 7.1250$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $191.7160, 12.2430, -7.1250$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.3980, -12.5640, 7.4360$, and $121.0560, -11.6010, 6.5030$ is the 20% darker color. If you saturate the color by 10%, you get $157.9120, -19.7630, 11.2530$, and if you desaturate by 10%, it is $188.6560, -4.7230, 2.9970$.

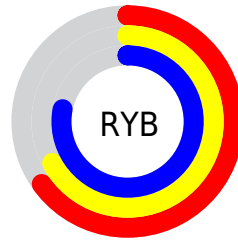
Distribution



Red (65%)

Green (67%)

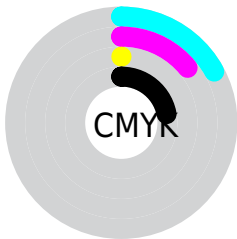
Blue (78%)



Red (65%)

Yellow (67%)

Blue (78%)

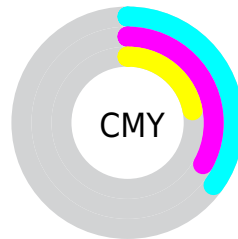


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.2840, -12.2430, 7.1250 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 173.2840, -12.2430, 7.1250 by changing the saturation by 10% instead.

■ 173.2840,
-12.2430, 7.1250

■ 173.2840,
-12.2430, 7.1250

■ 255.0000, -0.0000,
-0.0000

■ 146.2840,
-12.2430, 7.1250

■ 228.3980,
-12.5640, 7.4360

■ 121.0560,
-11.6010, 6.5030

■ 253.5050, -2.9800,
-1.0600

■ 95.9420, -11.2800,
6.1920

■ 72.5290, -11.5550,
5.6690

■ 49.4150, -11.2340,
5.3580

■ 28.1870, -10.5920,
4.7360

■ 3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,
0.0000

■ 173.2840,
-12.2430, 7.1250

■ 173.2840,
-12.2430, 7.1250

■ 157.9120,
-19.7630, 11.2530

■ 188.6560, -4.7230,
2.9970

■ 141.9530,
-27.0080, 15.9040

■ 204.6150, 2.5220,
-1.6540

■ 126.5810,
-34.5280, 20.0320

■ 219.9870, 10.0420,
-5.7820

■ 111.2090,
-42.0480, 24.1600

■ 235.3590, 17.5620,
-9.9100

■ 96.1360, -48.9720,
28.5000

■ 247.4420, 18.5260,
-16.3700

■ 80.1770, -56.2170,
33.1510

■ 248.6160, 17.9760,
-17.4160

■ 64.8050, -63.7370,
37.2790

■ 49.4330, -71.2570,
41.4070

■ 43.8180, -73.7790,
43.0610

Harmonies

Analogous

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



170.7340, -22.5580, 1.3300



173.2840, -12.2430, 7.1250



175.3350, 0.9150, 10.9550

Triad

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



173.2840, -12.2430, 7.1250



174.9120, 23.7950, 3.7870



168.7220, -14.2570, -11.4490

Complementary

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



173.2840, -12.2430, 7.1250



191.7160, 12.2430, -7.1250

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.



170.3660, -1.5110, -11.1670



173.2840, -12.2430, 7.1250



173.0700, 20.1740, -2.1780

Square

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



173.2840, -12.2430, 7.1250



175.7040, 21.6850, 8.9890



171.8190, 10.4550, -7.7610



168.2140, -24.3900, -9.5260

Rectangle

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



173.2840, -12.2430, 7.1250



175.3530, 9.6720, 11.9440



171.8190, 10.4550, -7.7610



169.4620, -10.5890, -11.8450

Sweetspot

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



173.2840, -12.2430, 7.1250



245.2430, -4.9980, 2.4740



188.4490, -17.7420, -8.8620



121.4990, -2.8430, 1.9650



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.



173.2840, -12.2430, 7.1250



215.0970, -18.8460, 11.1540



172.7520, -4.6330, 12.3830



91.6130, -3.1640, 2.2760



36.1920, -60.5730, 35.0030



7.6260, -13.2060, 8.0580

Inverse Universe

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



176.5510, 17.7420, 8.8620



220.2750, 27.5070, 13.6110



192.2480, 4.6330, -12.3830



92.8050, 5.0430, 2.2190



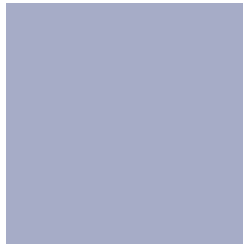
52.1570, 87.5180, 43.8860



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 173.2840, -12.2430, 7.1250 looks on a white background.

Color Contrast Check

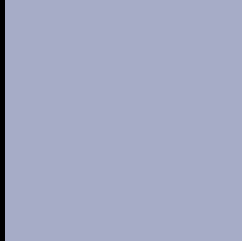
Large Text (above 18pt) WCAG AA × Fail

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 173.2840, -12.2430, 7.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

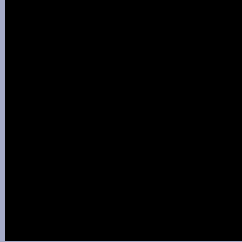
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.2840, -12.2430, 7.1250

Background



This preview shows how black text looks on a background with the YIQ color 173.2840, -12.2430, 7.1250.



This preview shows how white text looks on a background with the YIQ color 173.2840, -12.2430,

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

173.2840, -12.2430, 7.1250

Protanopia

173.2950, -10.7760, 8.0720

Deuteranopia

174.9260, -5.1830, 11.3370



Tritanopia

172.6060, -10.4540, 2.2340

Trichromacy



Original Color

173.2840, -12.2430, 7.1250

Protanomaly

172.9960, -11.3720, 7.8600

Deuteranomaly

174.3170, -7.8420, 9.9660

Tritanomaly

172.7740, -10.8670, 4.2130

Monochromacy



Original Color

173.2840, -12.2430, 7.1250

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1290, -4.6770, 2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.2840, -12.2430, 7.1250 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(166, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(166, 172, 199)  
}
```

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(166, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 172, 199) }
```

Border

The CSS property to change the border of an element to YIQ 173.2840, -12.2430, 7.1250 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(166, 172, 199) }
```


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

```
.border{ border-color:rgb(166, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(166, 172,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 173.2840, -12.2430, 7.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 172, 199) }
```

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

```
.background{ background-color: rgb(166,  
172, 199) }
```

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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