

Converting Colors

YIQ(146.3380, -12.3350, 8.7930)

Have a look what the booklet for
YIQ(146.3380, -12.3350, 8.7930)
contains.

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Color

**YIQ(146.3380, -12.3350,
8.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	8C90AF
RGB	140, 144, 175
RGB Percent	55%, 56%, 69%
CMY	0.4510, 0.4353, 0.3138
CMYK	0.20, 0.18, 0.00, 0.31
HSL	233°, 18%, 62%
HSV	233°, 20%, 69%
XYZ	28.5252, 28.6171, 44.5681
YIQ	146.3380, -12.3350, 8.7930

Conversions

Conversions Part 2

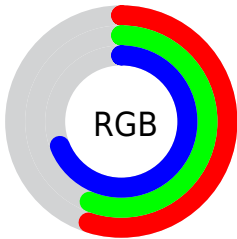
Format	Color
RYB	140, 144, 175
Decimal	9212079
CIELab	60.44, 5.27, -16.70
CIElCh	60, 17.511, 287.506
Yxy	28.6171, 0.2805, 0.2814
Android (android.graphics.Color)	4287402159 (0xFF8C90AF)
YUV	146.3380, 14.1304, -5.5584
Hunter-Lab	53.4950, 1.5656, -11.9496

Details

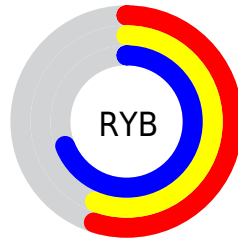
The YIQ color $146.3380, -12.3350, 8.7930$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $168.6620, 12.3350, -8.7930$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.5660, -12.9770, 9.4150$, and $95.6970, -11.9680, 7.6480$ is the 20% darker color. If you saturate the color by 10%, you get $132.4500, -18.3420, 13.0340$, and if you desaturate by 10%, it is $161.1120, -6.0070, 4.2410$.

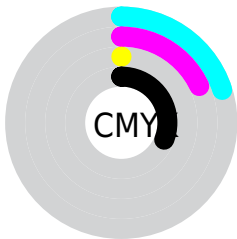
Distribution



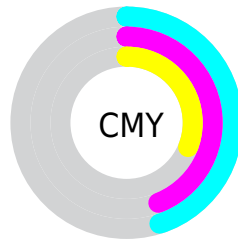
- Red (55%)
- Green (56%)
- Blue (69%)



- Red (55%)
- Yellow (56%)
- Blue (69%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.3380, -12.3350, 8.7930 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 146.3380, -12.3350, 8.7930 by changing the saturation by 10% instead.

■ 146.3380,
-12.3350, 8.7930

■ 146.3380,
-12.3350, 8.7930

■ 255.0000, -0.0000,
-0.0000

■ 120.2240,
-12.0140, 8.4820

■ 200.5660,
-12.9770, 9.4150

■ 95.6970, -11.9680,
7.6480

■ 228.1100,
-11.6930, 8.1710

■ 71.6970, -11.9680,
7.6480

■ 253.2170, -2.1090,
-0.3250

■ 49.1700, -11.9220,
6.8140

■ 27.6430, -11.8760,
5.9800

■ 3.4200, -9.6300,
9.3300

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 146.3380,
-12.3350, 8.7930

■ 146.3380,
-12.3350, 8.7930

■ 132.4500,
-18.3420, 13.0340

■ 161.1120, -6.0070,
4.2410

■ 117.6760,
-24.6700, 17.5860

■ 175.0000, -0.0000,
-0.0000

■ 103.7880,
-30.6770, 21.8270

■ 188.8880, 6.0070,
-4.2410

■ 89.0140, -37.0050,
26.3790

■ 203.6620, 12.3350,
-8.7930

■ 75.1260, -43.0120,
30.6200

■ 217.5500, 18.3420,
-13.0340

■ 60.3520, -49.3400,
35.1720

■ 232.3240, 24.6700,
-17.5860

■ 46.4640, -55.3470,
39.4130

■ 244.1190, 26.5050,
-23.3110

■ 31.6900, -61.6750,
43.9650

■ 245.8800, 25.6800,
-24.8800

Harmonies

Analogous

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



143.2930, -25.6300, 1.9380



146.3380, -12.3350, 8.7930



148.1720, 2.9320, 12.9480

Triad

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



146.3380, -12.3350, 8.7930



147.1680, 25.9500, 3.2780



140.3300, -19.0250, -13.1450

Complementary

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



146.3380, -12.3350, 8.7930



168.6620, 12.3350, -8.7930

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.



142.3440, -4.4450, -13.0610



146.3380, -12.3350, 8.7930



146.2010, 21.1830, -3.9450

Square

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



146.3380, -12.3350, 8.7930



148.0850, 24.9860, 9.7380



144.3520, 10.2720, -9.9520



139.6370, -30.0750, -11.1230

Rectangle

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



146.3380, -12.3350, 8.7930



148.3750, 12.6060, 13.8380



144.3520, 10.2720, -9.9520



141.1410, -14.1190, -13.9510

Sweetspot

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



146.3380, -12.3350, 8.7930



215.7700, -5.0440, 3.3080



164.0790, -19.5760, -8.6640



108.4990, -2.8430, 1.9650



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



146.3380, -12.3350, 8.7930



182.3790, -19.5800, 13.4440



147.8770, -3.4870, 13.6410



79.6130, -3.1640, 2.2760



27.0790, -52.8250, 37.7590



4.3830, -8.2080, 5.5840

Inverse Universe

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



150.9210, 19.5760, 8.6640



189.2430, 30.5330, 13.8370



167.1230, 3.4870, -13.6410



80.8050, 5.0430, 2.2190



46.7880, 83.9430, 37.0870



7.2190, 12.7450, 5.8090

Previews

White Background



This preview shows how the YIQ color 146.3380, -12.3350, 8.7930 looks on a white background.

Color Contrast Check

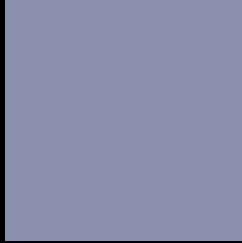
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3380, -12.3350, 8.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

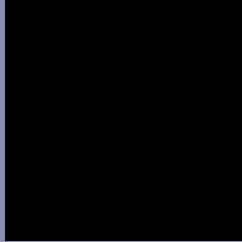
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.3380, -12.3350, 8.7930

Background



This preview shows how black text looks on a background with the YIQ color 146.3380, -12.3350, 8.7930.



This preview shows how white text looks on a background with the YIQ color 146.3380, -12.3350,

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

146.3380, -12.3350, 8.7930

Protanopia

146.0390, -12.9310, 8.5810

Deuteranopia

146.6590, -8.8050, 10.8990



Tritanopia

145.3780, -9.8120, 1.6120

Trichromacy



Original Color

146.3380, -12.3350, 8.7930

Protanomaly

146.0390, -12.9310, 8.5810

Deuteranomaly

146.6480, -10.2720, 9.9520

Tritanomaly

145.7740, -10.8670, 4.2130

Monochromacy



Original Color

146.3380, -12.3350, 8.7930

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0690, -4.4480, 3.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3380, -12.3350, 8.7930 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(140, 144, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 144, 175)  
}
```

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(140, 144, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 144, 175) }
```

Border

The CSS property to change the border of an element to YIQ 146.3380, -12.3350, 8.7930 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(140, 144, 175) }
```


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

```
.border{ border-color:rgb(140, 144, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 144, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 144, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 144, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 144,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3380, -12.3350, 8.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 144, 175) }
```

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

```
.background{ background-color: rgb(140,  
144, 175) }
```

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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