

Converting Colors

YIQ(140.1770, -12.6590,
25.6850)

Have a look what the booklet for
YIQ(140.1770, -12.6590, 25.6850)
contains.

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Color

**YIQ(140.1770, -12.6590,
25.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	907FC6
RGB	144, 127, 198
RGB Percent	56%, 50%, 78%
CMY	0.4352, 0.5020, 0.2236
CMYK	0.27, 0.36, 0.00, 0.22
HSL	254°, 38%, 64%
HSV	254°, 36%, 78%
XYZ	29.2838, 25.1842, 56.7275
YIQ	140.1770, -12.6590, 25.6850

Conversions

Conversions Part 2

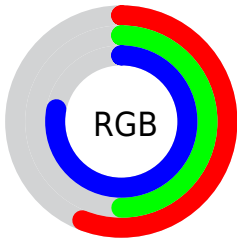
Format	Color
RYB	144, 127, 198
Decimal	9469894
CIELab	57.25, 21.95, -34.63
CIELCh	57, 41.001, 302.367
Yxy	25.1842, 0.2634, 0.2265
Android (android.graphics.Color)	4287659974 (0xFF907FC6)
YUV	140.1770, 28.5067, 3.3528
Hunter-Lab	50.1838, 16.3385, -31.8923

Details

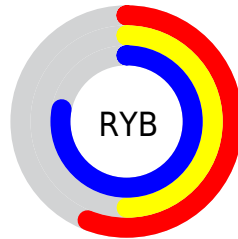
The YIQ color $140.1770, -12.6590, 25.6850$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $184.8230, 12.6590, -25.6850$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.2310, -12.7510, 27.3530$, and $89.7100, -12.8420, 23.4940$ is the 20% darker color. If you saturate the color by 10%, you get $123.9520, -16.0990, 32.9650$, and if you desaturate by 10%, it is $156.4020, -9.2190, 18.4050$.

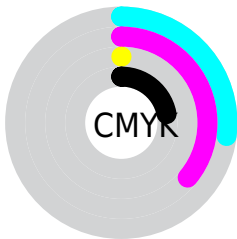
Distribution



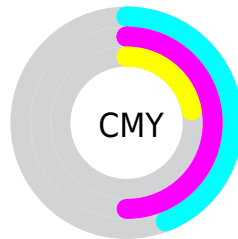
- Red (56%)
- Green (50%)
- Blue (78%)



- Red (56%)
- Yellow (50%)
- Blue (78%)



- Cyan (27%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.1770, -12.6590, 25.6850 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 140.1770, -12.6590, 25.6850 by changing the saturation by 10% instead.

■ 140.1770,
-12.6590, 25.6850

■ 140.1770,
-12.6590, 25.6850

■ 255.0000, -0.0000,
-0.0000

■ 114.2370,
-12.8880, 24.3280

■ 194.2310,
-12.7510, 27.3530

■ 89.7100, -12.8420,
23.4940

■ 218.7510, -2.8920,
19.3800

■ 65.4710, -13.6670,
21.9250

■ 243.8470, 5.2250,
9.9370

■ 42.2320, -14.4920,
20.3560

■ 19.6830, -17.3800,
17.6280

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 140.1770,
-12.6590, 25.6850

■ 140.1770,
-12.6590, 25.6850

■ 123.9520,
-16.0990, 32.9650

■ 156.4020, -9.2190,
18.4050

■ 107.7270,
-19.5390, 40.2450

■ 172.6270, -5.7790,
11.1250

■ 92.0890, -23.2540,
47.0020

■ 188.2650, -2.0640,
4.3680

■ 75.8640, -26.6940,
54.2820

■ 204.4900, 1.3760,
-2.9120

■ 59.6390, -30.1340,
61.5620

■ 220.7150, 4.8160,
-10.1920

■ 43.4140, -33.5740,
68.8420

■ 236.9400, 8.2560,
-17.4720

■ 36.6250, -35.5460,
71.5420

■ 246.7080, 14.7210,
-18.9990

■ 248.5020, 18.2970,
-17.7270

Harmonies

Analogous

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



130.5240, -56.7170, 9.1630



140.1770, -12.6590, 25.6850



141.4280, 23.4230, 32.5670

Triad

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



140.1770, -12.6590, 25.6850



136.5390, 52.4060, -2.6180



107.4180, -87.5190, -38.3590

Complementary

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



140.1770, -12.6590, 25.6850



184.8230, 12.6590, -25.6850

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.



123.3800, -31.6300, -32.5100



140.1770, -12.6590, 25.6850



133.7720, 35.0320, -18.1520

Square

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



140.1770, -12.6590, 25.6850



137.9550, 57.7670, 15.8710



130.4200, 6.4240, -28.3280



110.9350, -98.8000, -26.6400

Rectangle

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



140.1770, -12.6590, 25.6850



140.3560, 41.1210, 31.2090



130.4200, 6.4240, -28.3280



110.8450, -72.6640, -37.7520

Sweetspot

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



140.1770, -12.6590, 25.6850



232.2850, -4.8160, 10.1920



166.7920, -37.6410, -6.1610



114.1340, -3.0730, 6.1350



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.



140.1770, -12.6590, 25.6850



165.6130, -19.2180, 39.9340



150.6420, 8.2010, 33.1050



91.6240, -1.6970, 3.2230



30.2430, -29.0790, 58.9610



6.7950, -6.1920, 13.1040

Inverse Universe

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



154.3850, 24.9820, 31.8460



187.4660, 38.5960, 49.4440



174.3580, -8.2010, -33.1050



93.4890, 3.1170, 4.0850



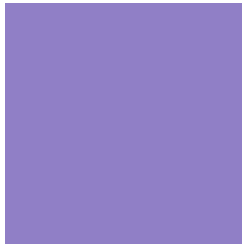
62.8730, 57.3440, 73.1200



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 140.1770, -12.6590, 25.6850 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 140.1770, -12.6590, 25.6850 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 140.1770, -12.6590, 25.6850

Background



This preview shows how black text looks on a background with the YIQ color 140.1770, -12.6590, 25.6850.



This preview shows how white text looks on a background with the YIQ color 140.1770, -12.6590, 25.6850.

25.6850.

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

140.1770, -12.6590, 25.6850

Protanopia

136.7010, -34.9860, 17.3180

Deuteranopia

136.5610, -31.7760, 14.2080



Tritanopia

137.3570, -5.3190, 2.7850

Trichromacy



Original Color

140.1770, -12.6590, 25.6850

Protanomaly

137.8870, -26.6420, 20.2860

Deuteranomaly

138.2030, -24.7160, 18.4200

Tritanomaly

138.2570, -7.6130, 11.3230

Monochromacy



Original Color

140.1770, -12.6590, 25.6850

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7580, -4.7700, 9.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.1770, -12.6590, 25.6850 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(144, 127, 198)` looks like.

```
.text, #text, p{  
    color:rgb(144, 127, 198)  
}
```

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(144, 127, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 127, 198) }
```

Border

The CSS property to change the border of an element to YIQ 140.1770, -12.6590, 25.6850 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(144, 127, 198) }
```


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

```
.border{ border-color:rgb(144, 127, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 127, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 127, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 127, 198); box-shadow:4px 4px 4px 4px rgb(144, 127, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 140.1770, -12.6590, 25.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 127, 198) }
```

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

```
.background{ background-color: rgb(144,  
127, 198) }
```

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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