

Converting Colors

YIQ(142.1380, -7.7550, 35.9330)

Have a look what the booklet for
YIQ(142.1380, -7.7550, 35.9330)
contains.

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Color

**YIQ(142.1380, -7.7550,
35.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	9D79D4
RGB	157, 121, 212
RGB Percent	62%, 47%, 83%
CMY	0.3842, 0.5255, 0.1687
CMYK	0.26, 0.43, 0.00, 0.17
HSL	264°, 51%, 65%
HSV	264°, 43%, 83%
XYZ	32.6277, 25.5950, 65.4909
YIQ	142.1380, -7.7550, 35.9330

Conversions

Conversions Part 2

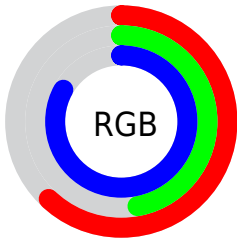
Format	Color
R _Y B	157, 121, 212
Decimal	10320340
CIE Lab	57.65, 32.64, -41.84
CIE LCh	58, 53.064, 307.954
Yxy	25.5950, 0.2637, 0.2069
Android (android.graphics.Color)	4288510420 (0xFF9D79D4)
YUV	142.1380, 34.4420, 13.0340
Hunter-Lab	50.5915, 26.5837, -41.3371

Details

The YIQ color $142.1380, -7.7550, 35.9330$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $190.8620, 7.7550, -35.9330$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.8950, -2.7570, 33.4590$, and $90.9590, -8.8090, 33.0070$ is the 20% darker color. If you saturate the color by 10%, you get $125.9240, -9.7280, 44.1600$, and if you desaturate by 10%, it is $158.3520, -5.7820, 27.7060$.

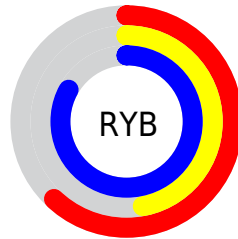
Distribution



Red (62%)

Green (47%)

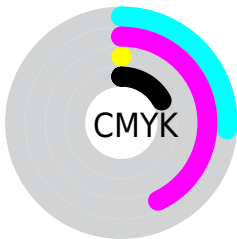
Blue (83%)



Red (62%)

Yellow (47%)

Blue (83%)

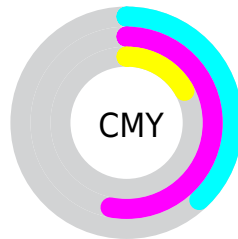


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (17%)



Cyan (38%)

Magenta (53%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.1380, -7.7550, 35.9330 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 142.1380, -7.7550, 35.9330 by changing the saturation by 10% instead.

142.1380, -7.7550,
35.9330

142.1380, -7.7550,
35.9330

255.0000, -0.0000,
-0.0000

116.1980, -7.9840,
34.5760

194.8950, -2.7570,
33.4590

90.3720, -8.5340,
33.5300

219.4150, 7.1020,
25.4860

66.0190, -9.0380,
31.6500

240.3250, 6.8750,
13.0750

42.4810, -10.4590,
29.8690

18.3450, -13.0720,
27.6640

6.4980, -18.2970,
17.7270

5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 142.1380, -7.7550,
35.9330

■ 142.1380, -7.7550,
35.9330

■ 125.9240, -9.7280,
44.1600

■ 158.3520, -5.7820,
27.7060

■ 109.7100,
-11.7010, 52.3870

■ 174.5660, -3.8090,
19.4790

■ 93.2080, -12.8030,
61.3490

■ 191.0680, -2.7070,
10.5170

■ 76.9940, -14.7760,
69.5760

■ 207.2820, -0.7340,
2.2900

60.7800, -16.7490,
77.8030

223.4960, 1.2390,
-5.9370

49.2840, -17.9880,
83.7400

239.7100, 3.2120,
-14.1640

247.7060, 9.0350,
-15.0690

250.0980, 13.8030,
-13.3730

Harmonies

Analogous

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



128.7320, -71.8020, 12.7260



142.1380, -7.7550, 35.9330



141.2930, 37.4050, 43.4930

Triad

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



142.1380, -7.7550, 35.9330



135.5970, 63.6860, -8.8100



111.6070, -92.4250, -37.5530

Complementary

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



142.1380, -7.7550, 35.9330



190.8620, 7.7550, -35.9330

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.



104.9610, -76.4670, -51.4350



142.1380, -7.7550, 35.9330



131.9600, 39.8940, -29.1780

Square

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



142.1380, -7.7550, 35.9330



136.6810, 73.2180, 16.6900



126.6760, -0.5890, -38.9010



115.4490, -105.9990, -22.8230

Rectangle

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



142.1380, -7.7550, 35.9330



138.5480, 58.4960, 41.2160



126.6760, -0.5890, -38.9010



109.7830, -87.2890, -42.5290

Sweetspot

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



142.1380, -7.7550, 35.9330



229.6490, -2.8450, 13.0190



164.2460, -44.6110, -0.9870



111.7860, -1.9730, 8.2270



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.



142.1380, -7.7550, 35.9330



153.0090, -11.1050, 52.5990



155.2940, 18.4690, 45.2610



98.7490, -0.5510, 4.4810



39.8260, -14.3630, 67.5970



9.9850, -3.6710, 16.9770

Inverse Universe

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



154.4790, 36.5810, 36.3970



170.8870, 53.5880, 53.0760



177.7060, -18.4690, -45.2610



100.0870, 4.3090, 4.5090



62.8710, 68.8530, 68.2850



15.8210, 17.2820, 17.2020

Previews

White Background



This preview shows how the YIQ color 142.1380, -7.7550, 35.9330 looks on a white background.

Color Contrast Check

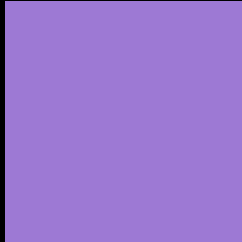
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.1380, -7.7550, 35.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

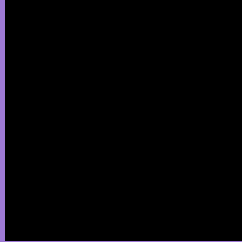
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.1380, -7.7550, 35.9330

Background



This preview shows how black text looks on a background with the YIQ color 142.1380, -7.7550, 35.9330.



This preview shows how white text looks on a background with the YIQ color 142.1380, -7.7550,

35.9330.

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

142.1380, -7.7550, 35.9330

Protanopia

136.2790, -48.2370, 20.6830

Deuteranopia

136.4120, -41.5420, 14.9860



Tritanopia

139.8310, 2.1540, 5.0180

Trichromacy



Original Color

142.1380, -7.7550, 35.9330

Protanomaly

138.7540, -33.3370, 25.9830

Deuteranomaly

138.6850, -28.8890, 22.4630

Tritanomaly

140.8280, -1.7910, 15.9450

Monochromacy



Original Color

142.1380, -7.7550, 35.9330

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.6490, -2.8450, 13.0190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1380, -7.7550, 35.9330 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(157, 121, 212)` looks like.

```
.text, #text, p{  
    color:rgb(157, 121, 212)  
}
```

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(157, 121, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 121, 212) }
```

Border

The CSS property to change the border of an element to YIQ 142.1380, -7.7550, 35.9330 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(157, 121, 212) }
```


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

```
.border{ border-color:rgb(157, 121, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 121, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 121, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 121, 212); box-shadow:4px 4px 4px 4px rgb(157, 121, 212) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1380, -7.7550, 35.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 121, 212) }
```

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

```
.background{ background-color: rgb(157,  
121, 212) }
```

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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