

Converting Colors

YIQ(146.3550, -19.0320,
25.5440)

Have a look what the booklet for
YIQ(146.3550, -19.0320, 25.5440)
contains.

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Color

**YIQ(146.3550, -19.0320,
25.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	9087D3
RGB	144, 135, 211
RGB Percent	56%, 53%, 83%
CMY	0.4352, 0.4706, 0.1727
CMYK	0.32, 0.36, 0.00, 0.17
HSL	247°, 46%, 68%
HSV	247°, 36%, 83%
XYZ	31.9217, 27.9592, 65.3197
YIQ	146.3550, -19.0320, 25.5440

Conversions

Conversions Part 2

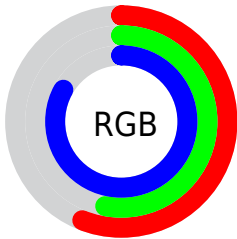
Format	Color
RYB	144, 135, 211
Decimal	9471955
CIELab	59.85, 20.60, -37.90
CIELCh	60, 43.137, 298.531
Yxy	27.9592, 0.2550, 0.2233
Android (android.graphics.Color)	4287662035 (0xFF9087D3)
YUV	146.3550, 31.8700, -2.0653
Hunter-Lab	52.8765, 15.2271, -36.2289

Details

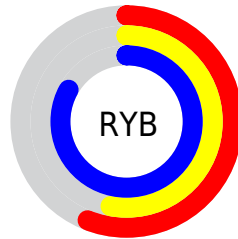
The YIQ color $146.3550, -19.0320, 25.5440$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $199.6450, 19.0320, -25.5440$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $199.2260, -14.3550, 23.3810$, and $94.8880, -19.2150, 23.3530$ is the 20% darker color. If you saturate the color by 10%, you get $128.3470, -24.5810, 32.4990$, and if you desaturate by 10%, it is $164.3630, -13.4830, 18.5890$.

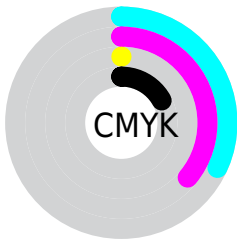
Distribution



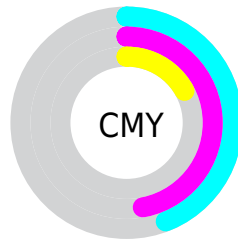
- Red (56%)
- Green (53%)
- Blue (83%)



- Red (56%)
- Yellow (53%)
- Blue (83%)



- Cyan (32%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.3550, -19.0320, 25.5440 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 146.3550, -19.0320, 25.5440 by changing the saturation by 10% instead.

■ 146.3550,
-19.0320, 25.5440

■ 146.3550,
-19.0320, 25.5440

■ 255.0000, -0.0000,
-0.0000

■ 120.4150,
-19.2610, 24.1870

■ 199.2260,
-14.3550, 23.3810

■ 94.8880, -19.2150,
23.3530

■ 224.0340, -5.3670,
14.6730

■ 70.6490, -20.0400,
21.7840

■ 248.5430, 3.0250,
5.7530

■ 46.6980, -21.7360,
19.4800

■ 22.3550, -28.2000,
15.4800

■ 6.3840, -17.9760,
17.4160

■ 5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 146.3550,
-19.0320, 25.5440

■ 146.3550,
-19.0320, 25.5440

■ 128.3470,
-24.5810, 32.4990

■ 164.3630,
-13.4830, 18.5890

■ 110.6380,
-29.5340, 39.6660

■ 182.0720, -8.5300,
11.4220

■ 92.6300, -35.0830,
46.6210

■ 200.0800, -2.9810,
4.4670

■ 74.9210, -40.0360,
53.7880

■ 217.7890, 1.9720,
-2.7000

■ 56.9130, -45.5850,
60.7430

■ 235.7970, 7.5210,
-9.6550

■ 38.3180, -50.8590,
68.2210

■ 249.9840, 14.1240,
-13.6840

■ 31.5290, -52.8310,
70.9210

Harmonies

Analogous

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



134.3700, -68.0870, 5.9690



146.3550, -19.0320, 25.5440



148.5140, 20.3050, 34.0090

Triad

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



146.3550, -19.0320, 25.5440



143.4580, 57.1280, -0.0880



111.7550, -90.0860, -41.3980

Complementary

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



146.3550, -19.0320, 25.5440



199.6450, 19.0320, -25.5440

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.



130.4790, -27.5950, -34.0510



146.3550, -19.0320, 25.5440



140.8220, 40.7630, -17.3890

Square

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



146.3550, -19.0320, 25.5440



144.9170, 60.9300, 19.1220



137.2310, 11.3300, -29.1340



116.0870, -102.2840, -29.5800

Rectangle

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



146.3550, -19.0320, 25.5440



147.0510, 40.6620, 34.0220



137.2310, 11.3300, -29.1340



119.8410, -66.8410, -38.6570

Sweetspot

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



146.3550, -19.0320, 25.5440



231.0890, -7.2000, 9.3440



182.9930, -42.8210, -11.4050



113.5360, -4.2650, 5.7110



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.



146.3550, -19.0320, 25.5440



161.4270, -27.5620, 36.9660



157.7170, 3.6160, 33.6000



95.5530, -2.9350, 3.6330



25.1320, -42.0080, 56.4880



6.1690, -10.1810, 13.8110

Inverse Universe

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



165.3620, 23.7890, 36.9490



188.9480, 34.4230, 53.4870



188.2830, -3.6160, -33.6000



98.3150, 3.6670, 5.1310



67.1040, 52.6200, 81.6440



16.3630, 12.8800, 19.8880

Previews

White Background



This preview shows how the YIQ color 146.3550, -19.0320, 25.5440 looks on a white background.

Color Contrast Check

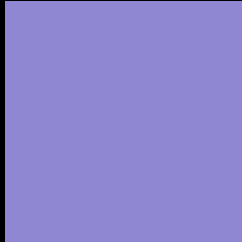
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3550, -19.0320, 25.5440 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 146.3550, -19.0320, 25.5440

Background



This preview shows how black text looks on a background with the YIQ color 146.3550, -19.0320, 25.5440.



This preview shows how white text looks on a background with the YIQ color 146.3550, -19.0320,

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

146.3550, -19.0320, 25.5440

Protanopia

143.2600, -38.0580, 17.9260

Deuteranopia

143.0490, -36.0860, 15.2260



Tritanopia

143.4810, -11.6000, 0.9760

Trichromacy



Original Color

146.3550, -19.0320, 25.5440

Protanomaly

143.9620, -31.2270, 20.7810

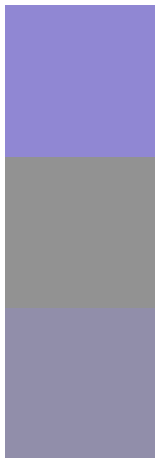
Deuteranomaly

144.0930, -30.2180, 19.0140

Tritanomaly

144.4950, -14.2150, 9.8250

Monochromacy



Original Color

146.3550, -19.0320, 25.5440

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0890, -7.2000, 9.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3550, -19.0320, 25.5440 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, 135, 211)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 211)  
}
```

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, 135, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 211) }
```

Border

The CSS property to change the border of an element to YIQ 146.3550, -19.0320, 25.5440 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, 135, 211) }
```


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

```
.border{ border-color:rgb(144, 135, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 135, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 135, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 135, 211);  
box-shadow:4px 4px 4px 4px rgb(144, 135,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3550, -19.0320, 25.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 135, 211) }
```

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

```
.background{ background-color: rgb(144,  
135, 211) }
```

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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