

Converting Colors

YIQ(130.0350, -5.9670, 36.5690)

Have a look what the booklet for
YIQ(130.0350, -5.9670, 36.5690)
contains.

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Color

**YIQ(130.0350, -5.9670,
36.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	936CC7
RGB	147, 108, 199
RGB Percent	58%, 42%, 78%
CMY	0.4234, 0.5765, 0.2197
CMYK	0.26, 0.46, 0.00, 0.22
HSL	266°, 45%, 60%
HSV	266°, 46%, 78%
XYZ	27.7063, 21.0507, 56.6211
YIQ	130.0350, -5.9670, 36.5690

Conversions

Conversions Part 2

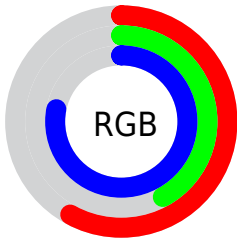
Format	Color
RYB	147, 108, 199
Decimal	9661639
CIELab	53.00, 34.09, -41.86
CIELCh	53, 53.983, 309.161
Yxy	21.0507, 0.2629, 0.1998
Android (android.graphics.Color)	4287851719 (0xFF936CC7)
YUV	130.0350, 33.9997, 14.8783
Hunter-Lab	45.8810, 27.4996, -41.0522

Details

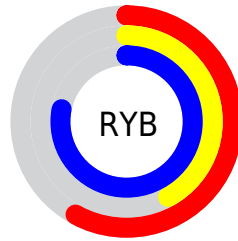
The YIQ color $130.0350, -5.9670, 36.5690$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $176.9650, 5.9670, -36.5690$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.6870, -4.8670, 38.6610$, and $79.2690, -6.7460, 34.1660$ is the 20% darker color. If you saturate the color by 10%, you get $115.0060, -7.0230, 44.6970$, and if you desaturate by 10%, it is $145.0640, -4.9110, 28.4410$.

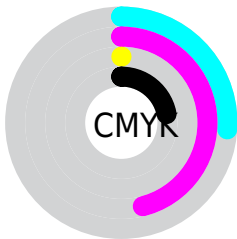
Distribution



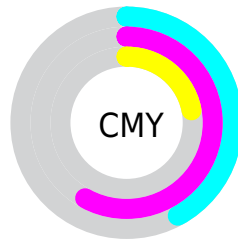
- Red (58%)
- Green (42%)
- Blue (78%)



- Red (58%)
- Yellow (42%)
- Blue (78%)



- Cyan (26%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.0350, -5.9670, 36.5690 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 130.0350, -5.9670, 36.5690 by changing the saturation by 10% instead.

130.0350, -5.9670,
36.5690

130.0350, -5.9670,
36.5690

255.0000, -0.0000,
-0.0000

104.0950, -6.1960,
35.2120

183.6870, -4.8670,
38.6610

79.2690, -6.7460,
34.1660

208.2070, 4.9920,
30.6880

54.9160, -7.2500,
32.2860

231.5200, 11.0000,
20.9200

30.4920, -8.9920,
30.8160

248.5430, 3.0250,
5.7530

12.6500, -12.6130,
24.8510

5.2440, -14.7660,
14.3060

3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 130.0350, -5.9670,
36.5690

■ 130.0350, -5.9670,
36.5690

■ 115.0060, -7.0230,
44.6970

■ 145.0640, -4.9110,
28.4410

■ 99.6780, -8.6750,
52.6130

■ 160.3920, -3.2590,
20.5250

■ 84.6490, -9.7310,
60.7410

■ 175.4210, -2.2030,
12.3970

■ 69.6200, -10.7870,
68.8690

■ 190.4500, -1.1470,
4.2690

■ 54.2920, -12.4390,
76.7850

■ 205.1910, 0.7800,
-3.1240

■ 48.1010, -13.2190,
79.9090

■ 220.2200, 1.8360,
-11.2520

■ 235.5480, 3.4880,
-19.1680

■ 243.5330, 7.8440,
-21.0200

■ 246.8220, 14.4000,
-18.6880

Harmonies

Analogous

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



115.2480, -73.3150, 12.6130



130.0350, -5.9670, 36.5690



128.3040, 38.8720, 44.4400

Triad

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



130.0350, -5.9670, 36.5690



122.3580, 62.8610, -10.3790



103.4230, -85.9150, -34.3870

Complementary

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



130.0350, -5.9670, 36.5690



176.9650, 5.9670, -36.5690

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.



96.1900, -69.6820, -47.7460



130.0350, -5.9670, 36.5690



119.1940, 39.1150, -31.5810

Square

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



130.0350, -5.9670, 36.5690



123.2680, 72.9430, 16.1670



113.7790, -2.3770, -39.5370



107.2650, -99.4890, -19.6570

Rectangle

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



130.0350, -5.9670, 36.5690



125.1460, 59.6880, 41.6400



113.7790, -2.3770, -39.5370



101.0120, -80.5040, -38.8400

Sweetspot

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



130.0350, -5.9670, 36.5690



227.8880, -2.0200, 14.5880



149.4850, -43.7860, 0.5820



111.1990, -1.6980, 8.7500



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.



130.0350, -5.9670, 36.5690



148.9000, -9.1800, 56.2600



143.1910, 20.2570, 45.8970



92.2220, -0.5050, 3.6470



39.5120, -10.6030, 65.5330



8.5890, -2.6160, 14.3760

Inverse Universe

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



141.1370, 37.5440, 35.4640



165.9800, 57.7600, 54.5600



163.8090, -20.2570, -45.8970



93.2610, 3.7590, 3.4630



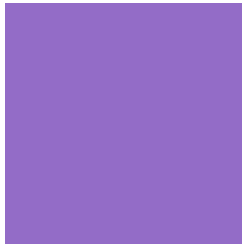
59.3390, 67.2950, 63.4790



13.0440, 15.0360, 13.8520

Previews

White Background



This preview shows how the YIQ color 130.0350, -5.9670, 36.5690 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 130.0350, -5.9670, 36.5690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

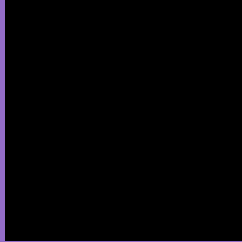
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.0350, -5.9670, 36.5690

Background



This preview shows how black text looks on a background with the YIQ color 130.0350, -5.9670, 36.5690.



This preview shows how white text looks on a background with the YIQ color 130.0350, -5.9670,

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

130.0350, -5.9670, 36.5690

Protanopia

123.6810, -49.4290, 20.2590

Deuteranopia

123.7000, -42.4130, 14.2510



Tritanopia

127.7280, 3.9420, 5.6540

Trichromacy



Original Color

130.0350, -5.9670, 36.5690

Protanomaly

125.8680, -33.6580, 26.2940

Deuteranomaly

125.6850, -28.8890, 22.4630

Tritanomaly

128.7250, -0.0030, 16.5810

Monochromacy



Original Color

130.0350, -5.9670, 36.5690

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9480, -2.2490, 13.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.0350, -5.9670, 36.5690 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(147, 108, 199)` looks like.

```
.text, #text, p{  
    color:rgb(147, 108, 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(147, 108, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 108, 199) }
```

Border

The CSS property to change the border of an element to YIQ 130.0350, -5.9670, 36.5690 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(147, 108, 199) }
```


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

```
.border{ border-color:rgb(147, 108, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 108, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 108, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 108, 199);  
box-shadow:4px 4px 4px 4px rgb(147, 108,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 130.0350, -5.9670, 36.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 108, 199) }
```

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

```
.background{ background-color: rgb(147,  
108, 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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