

Converting Colors

YIQ(105.3570, -20.2320,
69.3360)

Have a look what the booklet for
YIQ(105.3570, -20.2320, 69.3360)
contains.

YIQ(105.3570, -20.2320, 69.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(105.3570, -20.2320,
69.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	8142F6
RGB	129, 66, 246
RGB Percent	51%, 26%, 96%
CMY	0.4938, 0.7413, 0.0355
CMYK	0.48, 0.73, 0.00, 0.04
HSL	261°, 91%, 61%
HSV	261°, 73%, 96%
XYZ	27.6361, 15.2161, 88.6241
YIQ	105.3570, -20.2320, 69.3360

Conversions

Conversions Part 2

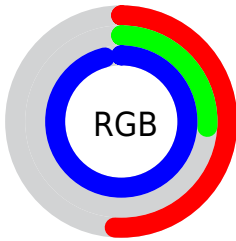
Format	Color
R _Y B	129, 66, 246
Decimal	8471286
CIE Lab	45.93, 64.31, -79.96
CIE LCh	46, 102.614, 308.808
Yxy	15.2161, 0.2102, 0.1157
Android (android.graphics.Color)	4286661366 (0xFF8142F6)
YUV	105.3570, 69.3370, 20.7349
Hunter-Lab	39.0079, 58.1989, -107.3987

Details

The YIQ color **105.3570, -20.2320, 69.3360** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **206.6430, 20.2320, -69.3360**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7330, -1.3400, 57.3480**, and **40.2690, -22.8000, 71.8240** is the 20% darker color. If you saturate the color by 10%, you get **85.8980, -22.8930, 79.0190**, and if you desaturate by 10%, it is **124.8160, -17.5710, 59.6530**.

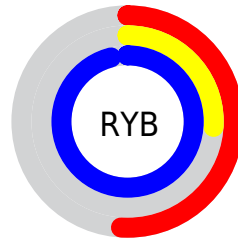
Distribution



Red (51%)

Green (26%)

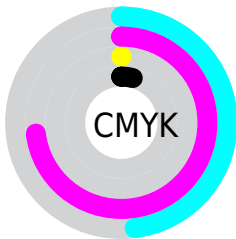
Blue (96%)



Red (51%)

Yellow (26%)

Blue (96%)

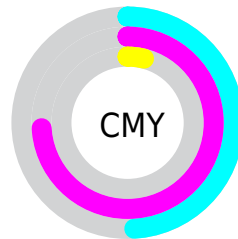


Cyan (48%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (49%)


Magenta (74%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.3570, -20.2320, 69.3360 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 105.3570, -20.2320, 69.3360 by changing the saturation by 10% instead.


 105.3570,
-20.2320, 69.3360

 105.3570,
-20.2320, 69.3360


255.0000, -0.0000,
-0.0000


 76.3460, -21.6990,
68.3890


 155.7330, -1.3400,
57.3480


 40.2690, -22.8000,
71.8240


 181.4380, 9.4360,
49.2760


 21.8280, -44.2080,
52.3040


 206.5560, 20.4870,
41.7270

 15.1620, -42.6930,
41.3630

 224.4760, 14.3000,
27.1960

 12.1980, -34.3470,
33.2770

 241.4990, 6.3250,
12.0290

 13.9300, -28.2010,
21.0070

 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 105.3570,
-20.2320, 69.3360

■ 105.3570,
-20.2320, 69.3360

■ 85.8980, -22.8930,
79.0190

■ 124.8160,
-17.5710, 59.6530

■ 67.0260, -25.8290,
88.1790

■ 143.6880,
-14.6350, 50.4930

■ 53.7580, -27.7100,
94.7380

■ 163.1470,
-11.9740, 40.8100

■ 182.0190, -9.0380,
31.6500

■ 201.4780, -6.3770,
21.9670

■ 220.9370, -3.7160,
12.2840

■ 239.8090, -0.7800,
3.1240

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



105.3570, -20.2320, 69.3360



86.3990, 77.3750, 101.0790

Triad

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



105.3570, -20.2320, 69.3360



100.1930, 85.5550, -3.1570



97.3420, -81.1930, -31.8570

Complementary

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



105.3570, -20.2320, 69.3360



206.6430, 20.2320, -69.3360

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.



84.7510, -49.8730, -59.8330



105.3570, -20.2320, 69.3360



99.8080, 34.2100, -36.3020

Square

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



105.3570, -20.2320, 69.3360



68.7700, 137.0800, 48.7600



76.3100, -35.7500, -67.9900



107.5050, -108.4320, -6.2560

Rectangle

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



105.3570, -20.2320, 69.3360



86.7780, 109.3800, 88.2280



76.3100, -35.7500, -67.9900



93.3350, -71.2880, -40.6640

Sweetspot

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



105.3570, -20.2320, 69.3360



211.3640, -6.0560, 21.6560



155.1990, -89.9550, -5.2110



101.4640, -3.7620, 13.1180



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.



105.3570, -20.2320, 69.3360



79.8580, -25.4160, 86.2000



132.2670, 33.4080, 88.4160



112.5640, -1.4680, 4.5800



40.6390, -20.9660, 71.6260



13.0050, -6.4230, 22.8010

Inverse Universe

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



133.1580, 69.7230, 74.5470



114.5060, 86.9590, 92.5830



179.7330, -33.4080, -88.4160



114.5000, 4.5840, 5.0320



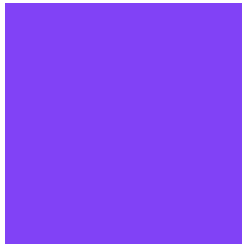
69.4080, 72.0150, 77.0630



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 105.3570, -20.2320, 69.3360 looks on a white background.

Color Contrast Check

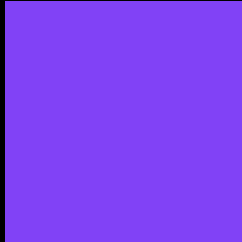
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 105.3570, -20.2320, 69.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

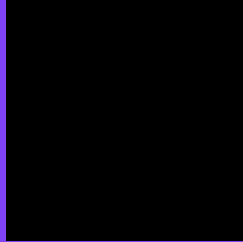
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.3570, -20.2320, 69.3360

Background



This preview shows how black text looks on a background with the YIQ color 105.3570, -20.2320, 69.3360.



This preview shows how white text looks on a background with the YIQ color 105.3570, -20.2320,

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

105.3570, -20.2320, 69.3360

Protanopia

86.8290, -99.8160, 13.8160

Deuteranopia

86.8170, -91.5150, 1.0370



Tritanopia

107.2420, -12.4250, -0.5930

Trichromacy



Original Color

105.3570, -20.2320, 69.3360

Protanomaly

93.6900, -70.8430, 33.9010

Deuteranomaly

93.7580, -65.5230, 25.5890

Tritanomaly

106.6820, -15.6390, 24.6250

Monochromacy



Original Color

105.3570, -20.2320, 69.3360

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2870, -7.1570, 25.0910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.3570, -20.2320, 69.3360 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(129, 66, 246)` looks like.

```
.text, #text, p{  
    color:rgb(129, 66, 246)  
}
```

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(129, 66, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 66, 246) }
```

Border

The CSS property to change the border of an element to YIQ 105.3570, -20.2320, 69.3360 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(129, 66, 246) }
```


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

```
.border{ border-color:rgb(129, 66, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 66, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 66, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 66, 246);  
box-shadow:4px 4px 4px 4px rgb(129, 66,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 105.3570, -20.2320, 69.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 66, 246) }
```

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

```
.background{ background-color: rgb(129, 66,  
246) }
```

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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