

Converting Colors

YIQ(105.2620, 4.3000, 54.2520)

Have a look what the booklet for
YIQ(105.2620, 4.3000, 54.2520)
contains.

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Color

**YIQ(105.2620, 4.3000,
54.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	8F45C1
RGB	143, 69, 193
RGB Percent	56%, 27%, 76%
CMY	0.4390, 0.7295, 0.2432
CMYK	0.26, 0.64, 0.00, 0.24
HSL	276°, 50%, 51%
HSV	276°, 64%, 76%
XYZ	23.0885, 13.9472, 51.9155
YIQ	105.2620, 4.3000, 54.2520

Conversions

Conversions Part 2

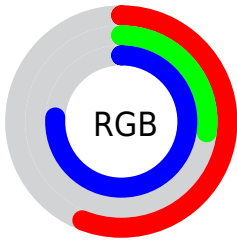
Format	Color
R _Y B	143, 69, 193
Decimal	9389505
CIE Lab	44.16, 52.68, -52.53
CIE LCh	44, 74.392, 315.083
Yxy	13.9472, 0.2596, 0.1568
Android (android.graphics.Color)	4287579585 (0xFF8F45C1)
YUV	105.2620, 43.2548, 33.0962
Hunter-Lab	37.3460, 44.9990, -56.2782

Details

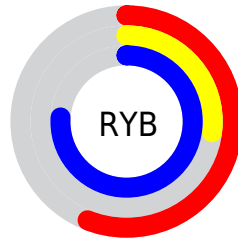
The YIQ color **105.2620, 4.3000, 54.2520** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **156.7380, -4.3000, -54.2520**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9140, 5.4000, 56.3440**, and **48.6150, 4.8040, 56.1320** is the 20% darker color. If you saturate the color by 10%, you get **91.7170, 4.7570, 62.4930**, and if you desaturate by 10%, it is **118.8070, 3.8430, 46.0110**.

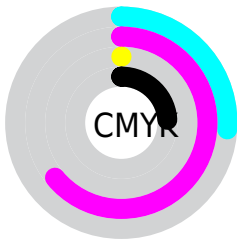
Distribution



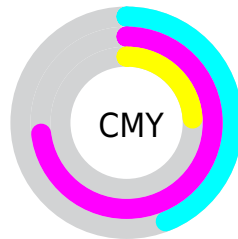
- Red (56%)
- Green (27%)
- Blue (76%)



- Red (56%)
- Yellow (27%)
- Blue (76%)



- Cyan (26%)
- Magenta (64%)
- Yellow (0%)
- Black (24%)



- Cyan (44%)
- Magenta (73%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.2620, 4.3000, 54.2520 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 105.2620, 4.3000, 54.2520 by changing the saturation by 10% instead.

105.2620, 4.3000,
54.2520

105.2620, 4.3000,
54.2520

255.0000, -0.0000,
-0.0000

77.8490, 4.0250,
53.7290

159.9140, 5.4000,
56.3440

48.5010, 5.1250,
55.8210

185.0040, 13.6540,
49.9260

30.7080, -0.1920,
47.5520

208.6270, 21.7250,
41.3170

19.4860, -8.8550,
33.8410

225.0630, 14.0250,
26.6730

7.1820, -20.2230,
19.5930

242.0860, 6.0500,
11.5060

6.3210, -13.6650,
10.8710

2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 105.2620, 4.3000,
54.2520

■ 105.2620, 4.3000,
54.2520

■ 91.7170, 4.7570,
62.4930

■ 118.8070, 3.8430,
46.0110

■ 77.8840, 6.0850,
71.4690

■ 132.9390, 3.1110,
37.2470

■ 64.3390, 6.5420,
79.7100

■ 146.1850, 2.0580,
28.7940

■ 56.3870, 6.5870,
84.4030

■ 159.7300, 1.6010,
20.5530

■ 173.2750, 1.1440,
12.3120

■ 187.4070, 0.4120,
3.5480

■ 200.6530, -0.6410,
-4.9050

■ 214.1980, -1.0980,
-13.1460

■ 228.3300, -1.8300,
-21.9100

Harmonies

Analogous

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



85.6380, -100.5960, 16.9400



105.2620, 4.3000, 54.2520



82.5540, 68.6680, 77.1480

Triad

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



105.2620, 4.3000, 54.2520



98.2780, 65.8420, -14.8460



91.7000, -79.0850, -26.0050

Complementary

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



105.2620, 4.3000, 54.2520



156.7380, -4.3000, -54.2520

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.



83.1160, -57.6700, -45.1740



105.2620, 4.3000, 54.2520



94.7580, 28.4790, -37.0650

Square

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



105.2620, 4.3000, 54.2520



91.3490, 94.5840, 14.9360



72.2010, -33.8250, -64.3290



97.6110, -97.1070, -7.7550

Rectangle

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



105.2620, 4.3000, 54.2520



73.5490, 93.4270, 74.4750



72.2010, -33.8250, -64.3290



89.3060, -72.3440, -32.5360

Sweetspot

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



105.2620, 4.3000, 54.2520



216.1430, 1.8760, 21.0760



113.6600, -54.1040, 11.3680



104.3890, 0.8230, 12.6230



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



105.2620, 4.3000, 54.2520



113.3870, 6.5870, 84.4030



119.0720, 37.3100, 61.7420



89.9340, 0.3660, 4.3820



47.0580, 5.5350, 70.4230



9.7420, 1.3270, 14.5030

Inverse Universe

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



111.7760, 57.8540, 41.8380



123.5990, 89.9900, 65.1740



142.9280, -37.3100, -61.7420



90.4460, 4.6760, 3.3640



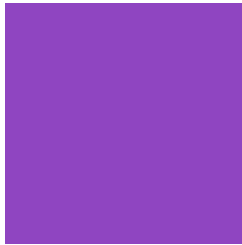
55.5490, 75.0910, 54.3470



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 105.2620, 4.3000, 54.2520 looks on a white background.

Color Contrast Check

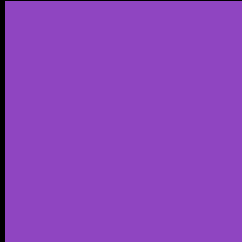
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.2620, 4.3000, 54.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

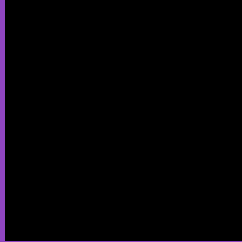
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.2620, 4.3000, 54.2520

Background



This preview shows how black text looks on a background with the YIQ color 105.2620, 4.3000, 54.2520.



This preview shows how white text looks on a background with the YIQ color 105.2620, 4.3000,

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

105.2620, 4.3000, 54.2520

Protanopia

83.6830, -96.4690, 13.7310

Deuteranopia

92.6950, -70.3800, 8.9800



Tritanopia

106.3660, 16.8250, 8.9610

Trichromacy



Original Color

105.2620, 4.3000, 54.2520



Protanomaly

91.2750, -59.6090, 28.5430



Deuteranomaly

97.6650, -43.3320, 25.4040



Tritanomaly

105.7530, 11.9620, 25.5140

Monochromacy



Original Color

105.2620, 4.3000, 54.2520



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.2030, 1.6470, 19.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.2620, 4.3000, 54.2520 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(143, 69, 193)` looks like.

```
.text, #text, p{  
    color:rgb(143, 69, 193)  
}
```

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(143, 69, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 69, 193) }
```

Border

The CSS property to change the border of an element to YIQ 105.2620, 4.3000, 54.2520 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(143, 69, 193) }
```


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

```
.border{ border-color:rgb(143, 69, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 69, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 69, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 69, 193);  
box-shadow:4px 4px 4px 4px rgb(143, 69,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 105.2620, 4.3000, 54.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 69, 193) }
```

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

```
.background{ background-color: rgb(143, 69,  
193) }
```

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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