

Converting Colors

YIQ(105.2820, 9.5750, 41.2470)

Have a look what the booklet for
YIQ(105.2820, 9.5750, 41.2470)
contains.

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Color

**YIQ(105.2820, 9.5750,
41.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4CA5
RGB	140, 76, 165
RGB Percent	55%, 30%, 65%
CMY	0.4508, 0.7021, 0.3530
CMYK	0.15, 0.54, 0.00, 0.35
HSL	283°, 37%, 47%
HSV	283°, 54%, 65%
XYZ	20.1976, 13.4616, 37.1274
YIQ	105.2820, 9.5750, 41.2470

Conversions

Conversions Part 2

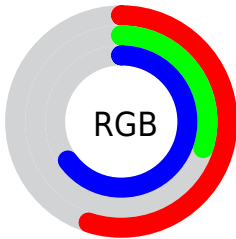
Format	Color
R_{YB}	140, 76, 165
Decimal	9194661
CIE _{Lab}	43.45, 42.12, -37.22
CIE _{LCh}	43, 56.210, 318.530
Yxy	13.4616, 0.2853, 0.1902
Android (android.graphics.Color)	4287384741 (0xFF8C4CA5)
YUV	105.2820, 29.4410, 30.4477
Hunter-Lab	36.6900, 34.0552, -34.3137

Details

The YIQ color **105.2820, 9.5750, 41.2470** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **135.7180, -9.5750, -41.2470**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9340, 10.6750, 43.3390**, and **54.1570, 8.4290, 39.9890** is the 20% darker color. If you saturate the color by 10%, you get **93.8080, 11.2700, 49.0780**, and if you desaturate by 10%, it is **116.1690, 8.1550, 33.9390**.

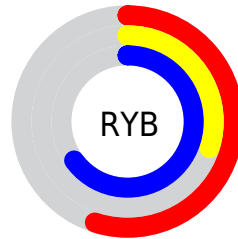
Distribution



Red (55%)

Green (30%)

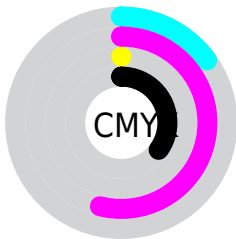
Blue (65%)



Red (55%)

Yellow (30%)

Blue (65%)

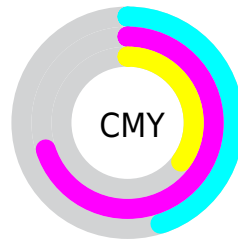


Cyan (15%)

Magenta (54%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (70%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.2820, 9.5750, 41.2470 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 105.2820, 9.5750, 41.2470 by changing the saturation by 10% instead.

105.2820, 9.5750,
41.2470

105.2820, 9.5750,
41.2470

255.0000, -0.0000,
-0.0000

79.4560, 9.0250,
40.2010

157.9340, 10.6750,
43.3390

53.5700, 8.7040,
40.5120

185.7600, 11.2250,
44.3850

28.5700, 8.7040,
40.5120

210.9640, 19.1580,
38.2780

18.6580, 2.1040,
27.9600

227.9980, 12.6500,
24.0580

5.2720, -11.9690,
13.1750

245.0210, 4.6750,
8.8910

2.7530, -6.3740,
5.3860

0.0000, 0.0000,

0.0000

■ 105.2820, 9.5750,
41.2470

■ 105.2820, 9.5750,
41.2470

■ 93.8080, 11.2700,
49.0780

■ 116.1690, 8.1550,
33.9390

■ 83.2200, 13.2860,
56.5980

■ 127.3440, 5.8640,
25.8960

■ 71.7460, 14.9810,
64.4290

■ 138.2310, 4.4440,
18.5880

■ 61.1580, 16.9970,
71.9490

■ 149.7050, 2.7490,
10.7570

■ 54.3910, 17.9590,
76.5430

■ 160.2930, 0.7330,
3.2370

■ 171.7670, -0.9620,
-4.5940

■ 182.3550, -2.9780,
-12.1140

■ 193.8290, -4.6730,
-19.9450

■ 204.7160, -6.0930,
-27.2530

Harmonies

Analogous

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



97.0550, -53.4180, 20.9660



105.2820, 9.5750, 41.2470



99.2300, 50.8840, 47.0120

Triad

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



105.2820, 9.5750, 41.2470



96.7390, 56.9940, -19.6940



87.7220, -76.1510, -24.1110

Complementary

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



105.2820, 9.5750, 41.2470



135.7180, -9.5750, -41.2470

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.



81.6630, -60.4680, -38.5160



105.2820, 9.5750, 41.2470



92.9860, 27.8370, -36.4430

Square

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



105.2820, 9.5750, 41.2470



97.4430, 70.6520, 8.1240



83.4220, -23.4210, -43.6210



90.6350, -88.4870, -9.7910

Rectangle

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



105.2820, 9.5750, 41.2470



96.2130, 66.7490, 40.3250



83.4220, -23.4210, -43.6210



85.8980, -71.0150, -29.0870

Sweetspot

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



105.2820, 9.5750, 41.2470



191.3510, 3.9860, 15.8740



100.8210, -35.4440, 14.6040



93.4660, 1.9240, 9.1880



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



105.2820, 9.5750, 41.2470



120.7460, 14.9810, 64.4290



110.5910, 30.5740, 40.6380



75.8200, 0.6870, 4.0710



47.9250, 16.0350, 67.3550



5.9390, 1.9700, 8.3540

Inverse Universe

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



105.4610, 45.0190, 26.6430



121.0070, 70.3250, 41.5970



130.4090, -30.5740, -40.6380



76.0330, 4.4010, 2.8410



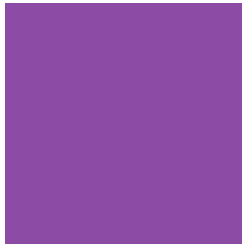
48.0290, 73.2590, 43.4910



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 105.2820, 9.5750, 41.2470 looks on a white background.

Color Contrast Check

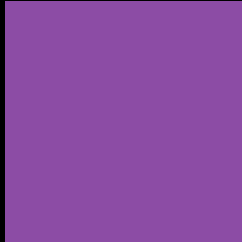
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.2820, 9.5750, 41.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

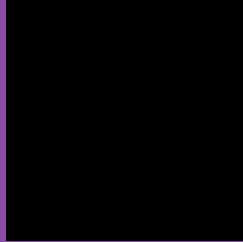
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.2820, 9.5750, 41.2470

Background



This preview shows how black text looks on a background with the YIQ color 105.2820, 9.5750, 41.2470.



This preview shows how white text looks on a background with the YIQ color 105.2820, 9.5750,

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

105.2820, 9.5750, 41.2470

Protanopia

98.0720, -52.0880, 18.8880

Deuteranopia

100.8270, -35.5810, 11.5790



Tritanopia

104.8610, 19.8050, 10.0210

Trichromacy



Original Color

105.2820, 9.5750, 41.2470

Protanomaly

100.5480, -29.7610, 27.2550

Deuteranomaly

102.3610, -19.1690, 22.5190

Tritanomaly

105.2710, 16.1350, 21.4710

Monochromacy



Original Color

105.2820, 9.5750, 41.2470

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9380, 3.7110, 15.3510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.2820, 9.5750, 41.2470 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(140, 76, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 165)  
}
```

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(140, 76, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 165) }
```

Border

The CSS property to change the border of an element to YIQ 105.2820, 9.5750, 41.2470 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(140, 76, 165) }
```


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

```
.border{ border-color:rgb(140, 76, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 76, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 105.2820, 9.5750, 41.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 165) }
```

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

```
.background{ background-color: rgb(140, 76,  
165) }
```

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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