

Converting Colors

YIQ(120.0700, -5.0480, 25.4160)

Have a look what the booklet for
YIQ(120.0700, -5.0480, 25.4160)
contains.

YIQ(120.0700, -5.0480, 25.4160)	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(120.0700, -5.0480,
25.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	8369A9
RGB	131, 105, 169
RGB Percent	51%, 41%, 66%
CMY	0.4862, 0.5883, 0.3373
CMYK	0.22, 0.38, 0.00, 0.34
HSL	264°, 27%, 54%
HSV	264°, 38%, 66%
XYZ	21.5743, 17.7922, 39.8245
YIQ	120.0700, -5.0480, 25.4160

Conversions

Conversions Part 2

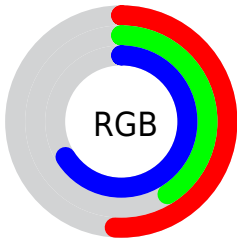
Format	Color
R_{YB}	131, 105, 169
Decimal	8612265
CIE _{Lab}	49.24, 23.78, -30.54
CIE _{LCh}	49, 38.709, 307.907
Yxy	17.7922, 0.2724, 0.2247
Android (android.graphics.Color)	4286802345 (0xFF8369A9)
YUV	120.0700, 24.1225, 9.5856
Hunter-Lab	42.1808, 17.4814, -26.4514

Details

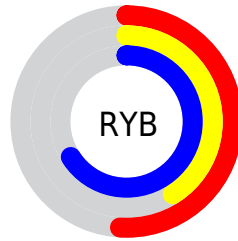
The YIQ color **120.0700, -5.0480, 25.4160** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.9300, 5.0480, -25.4160**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.1240, -5.1400, 27.0840**, and **70.7170, -5.5520, 23.5360** is the 20% darker color. If you saturate the color by 10%, you get **107.1010, -6.3330, 32.1870**, and if you desaturate by 10%, it is **133.0390, -3.7630, 18.6450**.

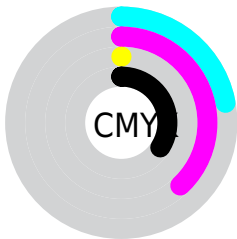
Distribution



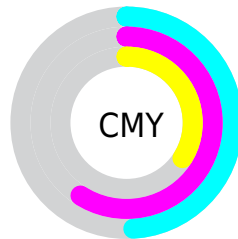
- Red (51%)
- Green (41%)
- Blue (66%)



- Red (51%)
- Yellow (41%)
- Blue (66%)



- Cyan (22%)
- Magenta (38%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0700, -5.0480, 25.4160 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 120.0700, -5.0480, 25.4160 by changing the saturation by 10% instead.

■ 120.0700, -5.0480,
25.4160

■ 120.0700, -5.0480,
25.4160

■ 255.0000, -0.0000,
-0.0000

■ 95.1300, -5.2770,
24.0590

■ 173.0100, -4.8190,
26.7730

■ 70.7170, -5.5520,
23.5360

■ 200.5370, -4.8650,
27.6070

■ 47.4780, -6.3770,
21.9670

■ 225.2850, 4.3520,
20.2560

■ 25.2390, -7.2020,
20.3980

■ 246.1950, 4.1250,
7.8450

■ 8.7180, -7.2930,
16.5390

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 120.0700, -5.0480,
25.4160

■ 120.0700, -5.0480,
25.4160

■ 107.1010, -6.3330,
32.1870

■ 133.0390, -3.7630,
18.6450

■ 94.1320, -7.6180,
38.9580

■ 146.0080, -2.4780,
11.8740

■ 81.1630, -8.9030,
45.7290

■ 158.9770, -1.1930,
5.1030

■ 68.1940, -10.1880,
52.5000

■ 171.9460, 0.0920,
-1.6680

■ 55.8120, -11.7480,
58.7480

■ 184.3280, 1.6520,
-7.9160

■ 42.8430, -13.0330,
65.5190

■ 197.2970, 2.9370,
-14.6870

■ 39.8970, -13.1250,
67.1870

■ 210.2660, 4.2220,
-21.4580

■ 223.2350, 5.5070,
-28.2290

■ 235.0300, 7.3420,
-33.9540

Harmonies

Analogous

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



113.0370, -44.9800, 11.2120



120.0700, -5.0480, 25.4160



119.8150, 26.5870, 30.2910

Triad

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



120.0700, -5.0480, 25.4160



115.8370, 45.5750, -5.4730



92.9080, -76.9750, -31.2070

Complementary

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



120.0700, -5.0480, 25.4160



153.9300, 5.0480, -25.4160

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.



101.3130, -38.6910, -31.1950



120.0700, -5.0480, 25.4160



113.1240, 28.1090, -19.3390

Square

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



120.0700, -5.0480, 25.4160



116.6830, 52.5410, 11.4610



109.5380, 0.2800, -27.1120



95.2680, -86.3760, -20.5200

Rectangle

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



120.0700, -5.0480, 25.4160



118.6610, 41.5800, 28.3960



109.5380, 0.2800, -27.1120



91.0670, -73.1690, -34.1050

Sweetspot

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



120.0700, -5.0480, 25.4160



200.7260, -1.7440, 9.5840



134.6020, -30.9940, 0.0300



98.5040, -1.2390, 5.9370



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.0700, -5.0480, 25.4160



144.1320, -7.6180, 38.9580



129.6380, 14.0240, 32.2000



77.8090, -0.7800, 3.1240



34.8120, -11.7480, 58.7480



4.6720, -1.6520, 7.9160

Inverse Universe

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



128.4680, 25.9460, 25.3860



156.9140, 39.7900, 38.8140



144.3620, -14.0240, -32.2000



78.9620, 3.1630, 3.2510



54.2840, 59.9600, 58.7440



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 120.0700, -5.0480, 25.4160 looks on a white background.

Color Contrast Check

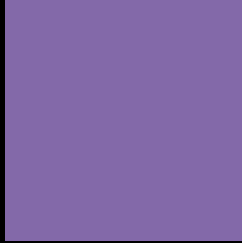
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0700, -5.0480, 25.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

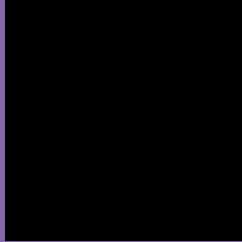
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0700, -5.0480, 25.4160

Background



This preview shows how black text looks on a background with the YIQ color 120.0700, -5.0480, 25.4160.



This preview shows how white text looks on a background with the YIQ color 120.0700, -5.0480,

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

120.0700, -5.0480, 25.4160

Protanopia

116.0880, -31.8220, 15.0420

Deuteranopia

116.7310, -26.5030, 12.2570



Tritanopia

117.8310, 2.1540, 5.0180

Trichromacy



Original Color

120.0700, -5.0480, 25.4160

Protanomaly

117.2850, -22.0110, 18.9570

Deuteranomaly

118.0850, -18.5720, 17.2040

Tritanomaly

118.7910, -0.3690, 12.1990

Monochromacy



Original Color

120.0700, -5.0480, 25.4160

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.3130, -2.0190, 9.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0700, -5.0480, 25.4160 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(131, 105, 169)` looks like.

```
.text, #text, p{  
    color:rgb(131, 105, 169)  
}
```

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(131, 105, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 105, 169) }
```

Border

The CSS property to change the border of an element to YIQ 120.0700, -5.0480, 25.4160 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(131, 105, 169) }
```


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

```
.border{ border-color:rgb(131, 105, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 105, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 105, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 105, 169);  
box-shadow:4px 4px 4px 4px rgb(131, 105,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0700, -5.0480, 25.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 105, 169) }
```

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

```
.background{ background-color: rgb(131,  
105, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor