

Converting Colors

YIQ(118.3120, 54.7300, 76.4420)

Have a look what the booklet for
YIQ(118.3120, 54.7300, 76.4420)
contains.

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Color

**YIQ(118.3120, 54.7300,
76.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	DA36BC
RGB	218, 54, 188
RGB Percent	85%, 21%, 74%
CMY	0.1446, 0.7885, 0.2626
CMYK	0.00, 0.75, 0.14, 0.14
HSL	311°, 69%, 53%
HSV	311°, 75%, 86%
XYZ	39.3458, 21.1881, 49.6093
YIQ	118.3120, 54.7300, 76.4420

Conversions

Conversions Part 2

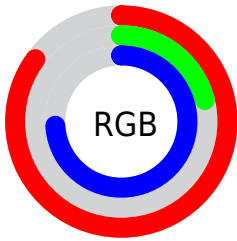
Format	Color
R _{YB}	218, 54, 188
Decimal	14300860
CIE Lab	53.15, 74.56, -34.66
CIE LCh	53, 82.224, 335.065
Yxy	21.1881, 0.3572, 0.1924
Android (android.graphics.Color)	4292490940 (0xFFDA36BC)
YUV	118.3120, 34.3562, 87.4264
Hunter-Lab	46.0305, 72.0240, -31.6782

Details

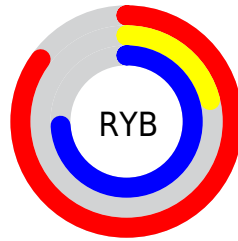
The YIQ color **118.3120, 54.7300, 76.4420** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **153.6880, -54.7300, -76.4420**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8540, 41.1600, 69.0640**, and **62.8170, 51.7500, 75.3820** is the 20% darker color. If you saturate the color by 10%, you get **104.9420, 62.0640, 86.7040**, and if you desaturate by 10%, it is **131.6820, 47.3960, 66.1800**.

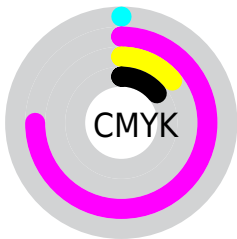
Distribution



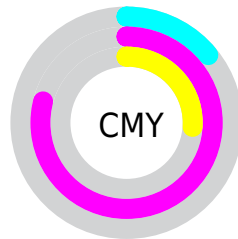
- Red (85%)
- Green (21%)
- Blue (74%)



- Red (85%)
- Yellow (21%)
- Blue (74%)



- Cyan (0%)
- Magenta (75%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (79%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3120, 54.7300, 76.4420 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 118.3120, 54.7300, 76.4420 by changing the saturation by 10% instead.

118.3120, 54.7300,
76.4420

118.3120, 54.7300,
76.4420

255.0000, -0.0000,
-0.0000

74.5660, 60.3670,
89.9270

172.8540, 41.1600,
69.0640

62.8170, 51.7500,
75.3820

191.0170, 29.9750,
57.0070

51.2960, 42.4910,
61.4590

208.6270, 21.7250,
41.3170

40.0740, 33.8280,
47.7480

225.6500, 13.7500,
26.1500

28.9660, 24.8440,
34.3480

243.2600, 5.5000,
10.4600

18.0860, 15.2180,
21.5700

1.4820, -4.1730,

4.0430

■ 0.0000, 0.0000,
0.0000

■ 118.3120, 54.7300,
76.4420

■ 118.3120, 54.7300,
76.4420

■ 104.9420, 62.0640,
86.7040

■ 131.6820, 47.3960,
66.1800

■ 91.5720, 69.3980,
96.9660

■ 145.0520, 40.0620,
55.9180

■ 85.4740, 72.7900,
101.5740

■ 157.8350, 33.0030,
46.1790

■ 171.2050, 25.6690,
35.9170

■ 184.5750, 18.3350,
25.6550

■ 197.9450, 11.0010,
15.3930

■ 211.3150, 3.6670,
5.1310

■ 224.0980, -3.3920,
-4.6080

■ 237.4680,
-10.7260, -14.8700

Harmonies

Analogous

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



128.0660, -24.4470, 52.1050



118.3120, 54.7300, 76.4420



89.6530, 108.2340, 86.9700

Triad

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



118.3120, 54.7300, 76.4420



118.1920, 50.6240, -36.4160



115.1700, -109.3470, -17.2110

Complementary

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



118.3120, 54.7300, 76.4420



153.6880, -54.7300, -76.4420

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.



107.3040, -87.1980, -38.6700



118.3120, 54.7300, 76.4420



104.8490, -0.5390, -61.8430

Square

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



118.3120, 54.7300, 76.4420



118.5000, 91.7000, -9.9000



96.8790, -61.9770, -60.7370



117.1200, -123.1050, 0.8550

Rectangle

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



118.3120, 54.7300, 76.4420



104.0570, 111.5870, 53.7230



96.8790, -61.9770, -60.7370



113.2490, -102.5600, -24.5760

Sweetspot

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



118.3120, 54.7300, 76.4420



219.1130, 19.7560, 27.4360



80.7690, -36.5520, 56.7280



106.0700, 12.1470, 16.6510



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.



118.3120, 54.7300, 76.4420



115.2020, 76.7320, 107.2280



109.3060, 80.0890, 51.8730



103.3150, 3.6670, 5.1310



67.9150, 57.5260, 80.8380



17.9720, 15.5390, 21.2590

Inverse Universe

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



118.3120, 54.7300, 76.4420



115.2020, 76.7320, 107.2280



162.6940, -80.0890, -51.8730



103.3150, 3.6670, 5.1310



67.9150, 57.5260, 80.8380



17.9720, 15.5390, 21.2590

Previews

White Background



This preview shows how the YIQ color 118.3120, 54.7300, 76.4420 looks on a white background.

Color Contrast Check

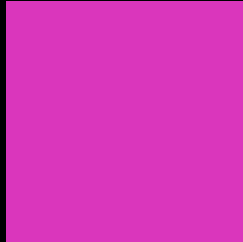
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3120, 54.7300, 76.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

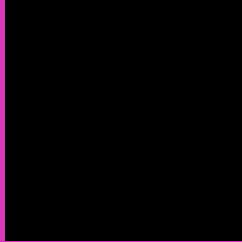
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3120, 54.7300, 76.4420

Background



This preview shows how black text looks on a background with the YIQ color 118.3120, 54.7300, 76.4420.



This preview shows how white text looks on a background with the YIQ color 118.3120, 54.7300,

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

118.3120, 54.7300, 76.4420

Protanopia

116.5050, -80.9280, 23.9360

Deuteranopia

127.1440, -26.2280, 12.7800



Tritanopia

124.0480, 71.1070, 27.4190

Trichromacy



Original Color

118.3120, 54.7300, 76.4420



Protanomaly

117.3760, -31.5520, 43.2000



Deuteranomaly

123.9990, 2.8820, 35.8900



Tritanomaly

121.8910, 64.9600, 45.2160

Monochromacy



Original Color

118.3120, 54.7300, 76.4420



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

118.1130, 19.7560, 27.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3120, 54.7300, 76.4420 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(218, 54, 188)` looks like.

```
.text, #text, p{  
    color:rgb(218, 54, 188)  
}
```

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(218, 54, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 54, 188) }
```

Border

The CSS property to change the border of an element to YIQ 118.3120, 54.7300, 76.4420 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(218, 54, 188) }
```


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

```
.border{ border-color:rgb(218, 54, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 54, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 54, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 54, 188); box-shadow:4px 4px 4px 4px rgb(218, 54, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3120, 54.7300, 76.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 54, 188) }
```

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

```
.background{ background-color: rgb(218, 54,  
188) }
```

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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