

Converting Colors

YIQ(148.1130, 38.0920, 47.5640)

Have a look what the booklet for
YIQ(148.1130, 38.0920, 47.5640)
contains.

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Color

**YIQ(148.1130, 38.0920,
47.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	D66BBB
RGB	214, 107, 187
RGB Percent	84%, 42%, 73%
CMY	0.1605, 0.5805, 0.2666
CMYK	0.00, 0.50, 0.13, 0.16
HSL	315°, 57%, 63%
HSV	315°, 50%, 84%
XYZ	41.9793, 28.4027, 50.2962
YIQ	148.1130, 38.0920, 47.5640

Conversions

Conversions Part 2

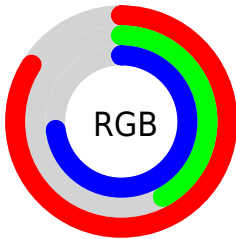
Format	Color
R_{YB}	214, 107, 187
Decimal	14052283
CIE _{Lab}	60.25, 52.11, -23.14
CIE _{LCh}	60, 57.014, 336.058
Yxy	28.4027, 0.3479, 0.2354
Android (android.graphics.Color)	4292242363 (0xFFD66BBB)
YUV	148.1130, 19.1713, 57.7829
Hunter-Lab	53.2942, 47.3379, -18.6488

Details

The YIQ color $148.1130, 38.0920, 47.5640$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $172.8870, -38.0920, -47.5640$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.0410, 29.4270, 44.9070$, and $93.3300, 35.9830, 47.2390$ is the 20% darker color. If you saturate the color by 10%, you get $135.2160, 45.4720, 56.9920$, and if you desaturate by 10%, it is $161.0100, 30.7120, 38.1360$.

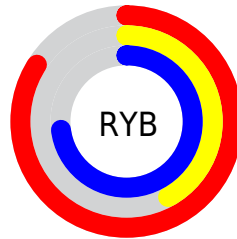
Distribution



Red (84%)

Green (42%)

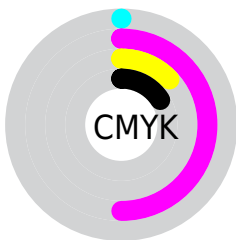
Blue (73%)



Red (84%)

Yellow (42%)

Blue (73%)

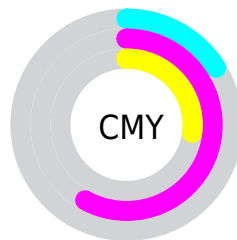


Cyan (0%)

Magenta (50%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (58%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.1130, 38.0920, 47.5640 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 148.1130, 38.0920, 47.5640 by changing the saturation by 10% instead.


 148.1130, 38.0920,
47.5640


 148.1130, 38.0920,
47.5640


255.0000, -0.0000,
-0.0000


 120.5150, 36.9000,
47.1400


 199.0410, 29.4270,
44.9070


 93.3300, 35.9830,
47.2390


 216.8450, 17.8750,
33.9950


 63.7970, 36.1660,
49.4300

 233.2810, 10.1750,
19.3510

 40.0740, 33.8280,
47.7480

 250.8910, 1.9250,
3.6610

 29.5640, 26.0360,
34.7720

 20.2930, 19.0690,
23.3650

 6.7930, 5.3170,

8.2690

■ 0.0000, 0.0000,
0.0000

■ 148.1130, 38.0920,
47.5640

■ 148.1130, 38.0920,
47.5640

■ 135.2160, 45.4720,
56.9920

■ 161.0100, 30.7120,
38.1360

■ 121.6180, 53.4480,
66.6320

■ 174.6080, 22.7360,
28.4960

■ 108.7210, 60.8280,
76.0600

■ 187.5050, 15.3560,
19.0680

■ 95.1230, 68.8040,
85.7000

■ 201.1030, 7.3800,
9.4280

■ 82.2260, 76.1840,
95.1280

■ 214.0000, -0.0000,
0.0000

■ 226.8970, -7.3800,
-9.4280

■ 239.3210,
-14.8060, -18.0220

■ 239.8910,
-16.4110, -16.4670

■ 240.5750,
-18.3370, -14.6010

Harmonies

Analogous

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



149.1530, -12.1110, 37.7850



148.1130, 38.0920, 47.5640



143.7080, 69.7290, 41.3850

Triad

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



148.1130, 38.0920, 47.5640



138.1300, 45.1670, -31.1290



121.7580, -111.3630, -24.7310

Complementary

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



148.1130, 38.0920, 47.5640



172.8870, -38.0920, -47.5640

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.



116.7590, -95.9090, -40.4930



148.1130, 38.0920, 47.5640



132.8350, 3.2170, -41.7990

Square

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



148.1130, 38.0920, 47.5640



141.8320, 70.3340, -8.1460



109.6570, -78.6670, -55.6190



121.5250, -120.3520, -10.4960

Rectangle

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



148.1130, 38.0920, 47.5640



142.5820, 78.3510, 28.2950



109.6570, -78.6670, -55.6190



120.6350, -106.8230, -29.9190

Sweetspot

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



148.1130, 38.0920, 47.5640



231.5540, 13.6600, 16.7640



127.2710, -18.2550, 39.0010



113.8150, 8.2510, 10.1630



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.



148.1130, 38.0920, 47.5640



160.7430, 54.5940, 67.8900



142.0710, 55.1050, 31.0810



100.2010, 3.9880, 4.8200



65.7210, 60.8280, 76.0600



16.5050, 15.3560, 19.0680

Inverse Universe

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



148.1130, 38.0920, 47.5640



160.7430, 54.5940, 67.8900



178.9290, -55.1050, -31.0810



100.2010, 3.9880, 4.8200



65.7210, 60.8280, 76.0600



16.5050, 15.3560, 19.0680

Previews

White Background



This preview shows how the YIQ color 148.1130, 38.0920, 47.5640 looks on a white background.

Color Contrast Check

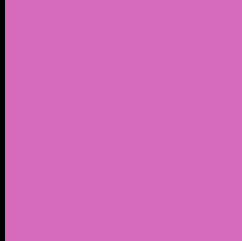
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.1130, 38.0920, 47.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

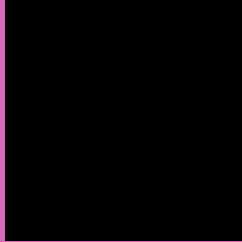
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.1130, 38.0920, 47.5640

Background



This preview shows how black text looks on a background with the YIQ color 148.1130, 38.0920, 47.5640.



This preview shows how white text looks on a background with the YIQ color 148.1130, 38.0920,

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

148.1130, 38.0920, 47.5640

Protanopia

144.9290, -35.6280, 17.9400

Deuteranopia

147.0330, -12.7940, 11.6060



Tritanopia

147.3380, 49.5590, 21.4550

Trichromacy



Original Color

148.1130, 38.0920, 47.5640



Protanomaly

146.0250, -9.1750, 28.6250



Deuteranomaly

147.4040, 5.6350, 24.5390



Tritanomaly

147.3950, 45.3850, 31.0250

Monochromacy



Original Color

148.1130, 38.0920, 47.5640



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.9670, 13.9350, 17.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1130, 38.0920, 47.5640 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(214, 107, 187)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 187)  
}
```

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(214, 107, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 107, 187) }
```

Border

The CSS property to change the border of an element to YIQ 148.1130, 38.0920, 47.5640 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(214, 107, 187) }
```


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

```
.border{ border-color:rgb(214, 107, 187) }
```

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

Here you see how a box with a 4 pixel rgb(214, 107, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 107, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 107, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 107,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1130, 38.0920, 47.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 107, 187) }
```

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

```
.background{ background-color: rgb(214,  
107, 187) }
```

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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