

Converting Colors

YIQ(124.7280, 15.3920, 73.5040)

Have a look what the booklet for
YIQ(124.7280, 15.3920, 73.5040)
contains.

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Color

**YIQ(124.7280, 15.3920,
73.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	B949E9
RGB	185, 73, 233
RGB Percent	73%, 29%, 91%
CMY	0.2741, 0.7139, 0.0863
CMYK	0.21, 0.69, 0.00, 0.09
HSL	282°, 78%, 60%
HSV	282°, 69%, 91%
XYZ	37.1153, 20.9671, 79.1697
YIQ	124.7280, 15.3920, 73.5040

Conversions

Conversions Part 2

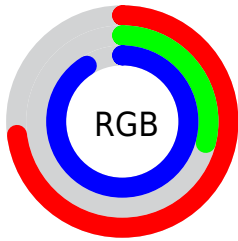
Format	Color
R_{YB}	185, 73, 233
Decimal	12143081
CIE _{Lab}	52.91, 68.42, -61.03
CIE _{LCh}	53, 91.683, 318.269
Yxy	20.9671, 0.2704, 0.1528
Android (android.graphics.Color)	4290333161 (0xFFB949E9)
YUV	124.7280, 53.3781, 52.8585
Hunter-Lab	45.7899, 64.5520, -70.4581

Details

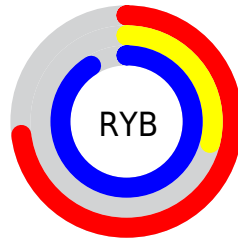
The YIQ color $124.7280, 15.3920, 73.5040$ is a light color, and the websafe version is hex $CC66FF$. The color can be described as light muted purple. A complement of this color would be $181.2720, -15.3920, -73.5040$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $178.6350, 28.4150, 63.2550$, and $58.0370, 19.1960, 81.6600$ is the 20% darker color. If you saturate the color by 10%, you get $109.1340, 17.5450, 84.0490$, and if you desaturate by 10%, it is $140.3220, 13.2390, 62.9590$.

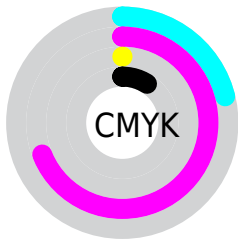
Distribution



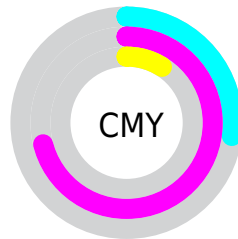
- Red (73%)
- Green (29%)
- Blue (91%)



- Red (73%)
- Yellow (29%)
- Blue (91%)



- Cyan (21%)
- Magenta (69%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (71%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7280, 15.3920, 73.5040 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 124.7280, 15.3920, 73.5040 by changing the saturation by 10% instead.

124.7280, 15.3920,
73.5040

124.7280, 15.3920,
73.5040

255.0000, -0.0000,
-0.0000

94.5540, 15.9420,
74.5500

178.6350, 28.4150,
63.2550

58.0370, 19.1960,
81.6600

198.0610, 26.6750,
50.7310

46.5870, 11.1750,
67.3270

214.4970, 18.9750,
36.0870

34.8380, 2.5580,
52.7820

231.5200, 11.0000,
20.9200

23.3170, -6.7010,
38.8590

249.1300, 2.7500,
5.2300

8.2080, -23.1120,
22.3920

7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 124.7280, 15.3920,
73.5040

■ 124.7280, 15.3920,
73.5040

■ 109.1340, 17.5450,
84.0490

■ 140.3220, 13.2390,
62.9590

■ 92.9530, 19.9730,
95.1170

■ 156.5030, 10.8110,
51.8910

■ 77.3590, 22.1260,
105.6620

■ 172.0970, 8.6580,
41.3460

■ 75.2990, 22.3550,
107.0190

■ 187.6910, 6.5050,
30.8010

203.2850, 4.3520,
20.2560

219.4660, 1.9240,
9.1880

235.0600, -0.2290,
-1.3570

248.3060, -1.2820,
-9.8100

250.3990, 2.8900,
-8.3260

Harmonies

Analogous

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



99.5100, -114.8550, 16.5450



124.7280, 15.3920, 73.5040



92.2070, 95.5310, 102.4350

Triad

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



124.7280, 15.3920, 73.5040



119.2650, 75.8840, -20.6280



112.5820, -99.3040, -28.5200

Complementary

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



124.7280, 15.3920, 73.5040



181.2720, -15.3920, -73.5040

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.



101.9460, -72.1110, -53.2870



124.7280, 15.3920, 73.5040



113.0100, 27.2890, -48.5430

Square

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



124.7280, 15.3920, 73.5040



108.3980, 119.2510, 13.9310



88.0500, -41.2500, -78.4500



119.3880, -121.2240, -5.7040

Rectangle

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



124.7280, 15.3920, 73.5040



88.6710, 116.9910, 87.9590



88.0500, -41.2500, -78.4500



109.5040, -90.6370, -36.9170

Sweetspot

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



124.7280, 15.3920, 73.5040



218.5180, 5.3140, 24.8500



119.4160, -64.5600, 24.6560



106.2260, 2.8400, 14.6160



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.



124.7280, 15.3920, 73.5040



113.4800, 19.9270, 95.9510



135.4320, 54.2720, 73.7280



109.6460, 1.2370, 5.1170



58.6070, 17.5910, 83.2150



17.5180, 5.3140, 24.8500

Inverse Universe

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



126.3120, 79.9520, 48.8480



115.5590, 104.6620, 63.5900



170.5680, -54.2720, -73.7280



109.6310, 5.5930, 3.2650



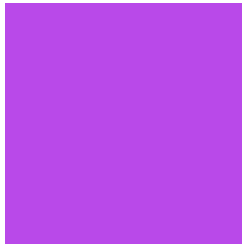
60.2750, 90.5420, 55.1660



17.9700, 27.0480, 16.4240

Previews

White Background



This preview shows how the YIQ color 124.7280, 15.3920, 73.5040 looks on a white background.

Color Contrast Check

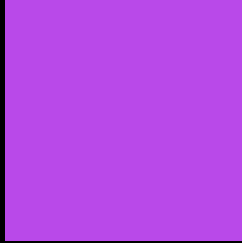
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7280, 15.3920, 73.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

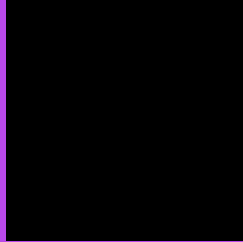
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7280, 15.3920, 73.5040

Background



This preview shows how black text looks on a background with the YIQ color 124.7280, 15.3920, 73.5040.



This preview shows how white text looks on a background with the YIQ color 124.7280, 15.3920,

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

124.7280, 15.3920, 73.5040

Protanopia

109.3550, -98.1210, 21.6470

Deuteranopia

113.1160, -81.7510, 11.3130



Tritanopia

128.3680, 31.6790, 15.0950

Trichromacy



Original Color

124.7280, 15.3920, 73.5040



Protanomaly

114.9200, -56.6310, 40.6570



Deuteranomaly

117.3800, -46.5430, 34.0410



Tritanomaly

127.2050, 25.6690, 35.9170

Monochromacy



Original Color

124.7280, 15.3920, 73.5040



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.8710, 5.8180, 26.7300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7280, 15.3920, 73.5040 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(185, 73, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 73, 233)  
}
```

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(185, 73, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 73, 233) }
```

Border

The CSS property to change the border of an element to YIQ 124.7280, 15.3920, 73.5040 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(185, 73, 233) }
```


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

```
.border{ border-color:rgb(185, 73, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 73, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 73, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 73, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 73,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7280, 15.3920, 73.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 73, 233) }
```

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

```
.background{ background-color: rgb(185, 73,  
233) }
```

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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