

Converting Colors

YIQ(159.0720, 28.1420, 51.6780)

Have a look what the booklet for
YIQ(159.0720, 28.1420, 51.6780)
contains.

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Color

**YIQ(159.0720, 28.1420,
51.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	DA76D8
RGB	218, 118, 216
RGB Percent	85%, 46%, 85%
CMY	0.1448, 0.5374, 0.1529
CMYK	0.00, 0.46, 0.01, 0.14
HSL	301°, 58%, 66%
HSV	301°, 46%, 86%
XYZ	47.8056, 32.8226, 68.7877
YIQ	159.0720, 28.1420, 51.6780

Conversions

Conversions Part 2

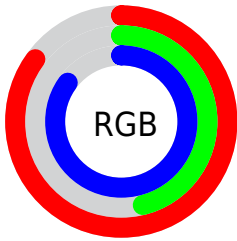
Format	Color
R _Y B	218, 118, 216
Decimal	14317272
CIE Lab	64.02, 52.73, -33.65
CIE LCh	64, 62.556, 327.456
Yxy	32.8226, 0.3200, 0.2197
Android (android.graphics.Color)	4292507352 (0xFFDA76D8)
YUV	159.0720, 28.0655, 51.6799
Hunter-Lab	57.2910, 48.6875, -31.0842

Details

The YIQ color **159.0720, 28.1420, 51.6780** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **176.9280, -28.1420, -51.6780**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 22.5500, 42.8860**, and **104.0610, 26.6750, 50.7310** is the 20% darker color. If you saturate the color by 10%, you get **146.1580, 34.1920, 63.1840**, and if you desaturate by 10%, it is **171.9860, 22.0920, 40.1720**.

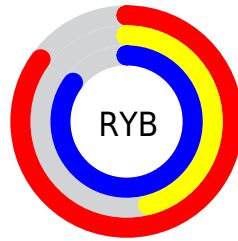
Distribution



Red (85%)

Green (46%)

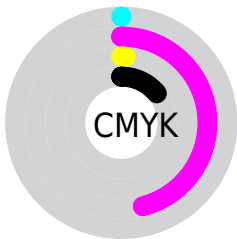
Blue (85%)



Red (85%)

Yellow (46%)

Blue (85%)

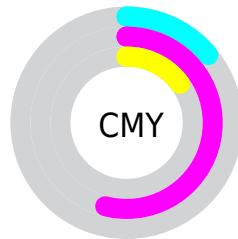


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (54%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.0720, 28.1420, 51.6780 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 159.0720, 28.1420, 51.6780 by changing the saturation by 10% instead.

159.0720, 28.1420,
51.6780

159.0720, 28.1420,
51.6780

255.0000, -0.0000,
-0.0000

131.3600, 27.2710,
50.9430

206.8660, 22.5500,
42.8860

104.0610, 26.6750,
50.7310

223.3020, 14.8500,
28.2420

76.1750, 26.3540,
51.0420

240.3250, 6.8750,
13.0750

44.1200, 28.1870,
56.3710

33.4960, 20.7160,
43.0840

23.2850, 13.5200,
30.3200

13.0030, 5.0860,

17.9660

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 159.0720, 28.1420,
51.6780

■ 159.0720, 28.1420,
51.6780

■ 146.1580, 34.1920,
63.1840

■ 171.9860, 22.0920,
40.1720

■ 133.1300, 40.5630,
74.3790

■ 185.0140, 15.7210,
28.9770

■ 120.8030, 46.3380,
85.3620

■ 197.3410, 9.9460,
17.9940

■ 107.7750, 52.7090,
96.5570

■ 210.3690, 3.5750,
6.7990

■ 94.8610, 58.7590,
108.0630

■ 223.2830, -2.4750,
-4.7070

■ 89.5780, 61.2340,
112.7700

■ 236.3110, -8.8460,
-15.9020

■ 239.8330,
-10.4960, -19.0400

■ 239.9470,
-10.8170, -18.7290

Harmonies

Analogous

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



156.3770, -33.2930, 36.2030



159.0720, 28.1420, 51.6780



153.6900, 70.1400, 50.4600

Triad

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



159.0720, 28.1420, 51.6780



148.2690, 60.8930, -29.7870



129.6170, -115.5800, -30.9080

Complementary

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



159.0720, 28.1420, 51.6780



176.9280, -28.1420, -51.6780

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.



123.1190, -97.2830, -48.6350



159.0720, 28.1420, 51.6780



143.0400, 18.5770, -44.8390

Square

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



159.0720, 28.1420, 51.6780



151.3330, 82.3450, -0.0470



129.6360, -47.8110, -53.1470



131.6980, -128.3290, -14.6090

Rectangle

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



159.0720, 28.1420, 51.6780



151.5430, 83.2550, 38.5430



129.6360, -47.8110, -53.1470



128.1520, -110.0770, -37.0290

Sweetspot

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



159.0720, 28.1420, 51.6780



233.7540, 10.2210, 18.5170



129.9980, -30.9080, 31.5240



114.9720, 6.3710, 11.1950



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.



159.0720, 28.1420, 51.6780



172.4780, 39.4630, 72.2870



153.3720, 44.1920, 36.1280



103.4290, 3.3460, 5.4420



71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Inverse Universe

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



159.0720, 28.1420, 51.6780



172.4780, 39.4630, 72.2870



182.6280, -44.1920, -36.1280



103.4290, 3.3460, 5.4420



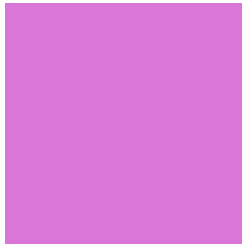
71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 159.0720, 28.1420, 51.6780 looks on a white background.

Color Contrast Check

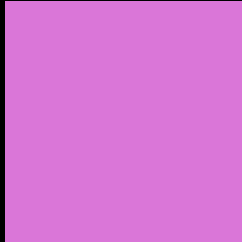
Large Text (above 18pt) WCAG AA × Fail

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 159.0720, 28.1420, 51.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

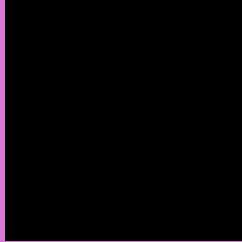
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.0720, 28.1420, 51.6780

Background



This preview shows how black text looks on a background with the YIQ color 159.0720, 28.1420, 51.6780.



This preview shows how white text looks on a background with the YIQ color 159.0720, 28.1420,

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

159.0720, 28.1420, 51.6780

Protanopia

153.8060, -48.2830, 21.5170

Deuteranopia

155.6110, -26.0450, 14.9710



Tritanopia

157.5650, 41.4900, 19.0100

Trichromacy



Original Color

159.0720, 28.1420, 51.6780



Protanomaly

155.5000, -20.6380, 32.6260



Deuteranomaly

156.5800, -6.4240, 28.3280



Tritanomaly

157.9040, 36.5820, 30.8700

Monochromacy



Original Color

159.0720, 28.1420, 51.6780



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.8680, 9.9000, 18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0720, 28.1420, 51.6780 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, 118, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 118, 216)  
}
```

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, 118, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 118, 216) }
```

Border

The CSS property to change the border of an element to YIQ 159.0720, 28.1420, 51.6780 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, 118, 216) }
```


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

```
.border{ border-color:rgb(218, 118, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 118, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 118, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 118, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 118,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0720, 28.1420, 51.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 118, 216) }
```

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

```
.background{ background-color: rgb(218,  
118, 216) }
```

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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