

Converting Colors

YIQ(142.0720, 28.1420, 51.6780)

Have a look what the booklet for
YIQ(142.0720, 28.1420, 51.6780)
contains.

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Color

**YIQ(142.0720, 28.1420,
51.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	C965C7
RGB	201, 101, 199
RGB Percent	79%, 40%, 78%
CMY	0.2115, 0.6041, 0.2196
CMYK	0.00, 0.50, 0.01, 0.21
HSL	301°, 48%, 59%
HSV	301°, 50%, 79%
XYZ	39.0674, 25.8513, 56.9691
YIQ	142.0720, 28.1420, 51.6780

Conversions

Conversions Part 2

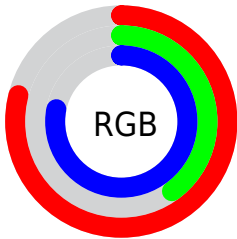
Format	Color
R _{YB}	201, 101, 199
Decimal	13198791
CIE _{Lab}	57.90, 53.24, -33.75
CIE _{LCh}	58, 63.041, 327.628
Yxy	25.8513, 0.3205, 0.2121
Android (android.graphics.Color)	4291388871 (0xFFC965C7)
YUV	142.0720, 28.0655, 51.6799
Hunter-Lab	50.8441, 48.1777, -30.8415

Details

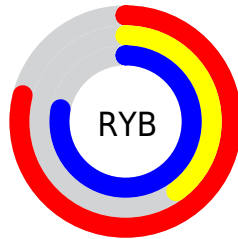
The YIQ color **142.0720, 28.1420, 51.6780** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **159.9280, -28.1420, -51.6780**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.3000, 27.5000, 52.3000**, and **87.4740, 26.9500, 51.2540** is the 20% darker color. If you saturate the color by 10%, you get **130.3320, 33.6420, 62.1380**, and if you desaturate by 10%, it is **153.8120, 22.6420, 41.2180**.

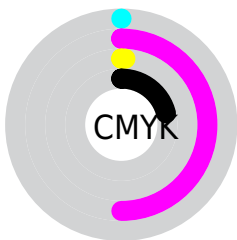
Distribution



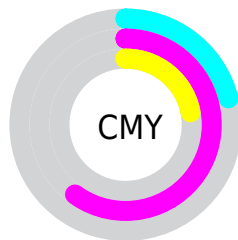
- Red (79%)
- Green (40%)
- Blue (78%)



- Red (79%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.0720, 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 142.0720, 28.1420, 51.6780 by changing the saturation by 10% instead.

142.0720, 28.1420,
51.6780

142.0720, 28.1420,
51.6780

255.0000, -0.0000,
-0.0000

114.6590, 27.8670,
51.1550

196.3000, 27.5000,
52.3000

87.4740, 26.9500,
51.2540

212.7360, 19.8000,
37.6560

56.1800, 27.9580,
55.0140

229.7590, 11.8250,
22.4890

37.9250, 24.0620,
48.5260

246.7820, 3.8500,
7.3220

27.1160, 15.6740,
35.3380

17.6170, 9.3490,
23.3090

2.8500, -8.0250,

7.7750

■ 0.0000, 0.0000,
0.0000

■ 142.0720, 28.1420,
51.6780

■ 142.0720, 28.1420,
51.6780

■ 130.3320, 33.6420,
62.1380

■ 153.8120, 22.6420,
41.2180

■ 118.4780, 39.4630,
72.2870

■ 165.6660, 16.8210,
31.0690

■ 106.7380, 44.9630,
82.7470

■ 177.4060, 11.3210,
20.6090

■ 94.8840, 50.7840,
92.8960

■ 189.2600, 5.5000,
10.4600

■ 82.5570, 56.5590,
103.8790

■ 201.5870, -0.2750,
-0.5230

■ 213.4410, -6.0960,
-10.6720

■ 225.1810,
-11.5960, -21.1320

■ 232.8120,
-15.1710, -27.9310

■ 232.9260,
-15.4920, -27.6200

Harmonies

Analogous

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



139.5510, -33.8430, 35.1570



142.0720, 28.1420, 51.6780



135.9180, 69.4980, 51.0820

Triad

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



142.0720, 28.1420, 51.6780



130.0750, 64.1950, -34.5650



117.8140, -105.7690, -26.9930

Complementary

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



142.0720, 28.1420, 51.6780



159.9280, -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.



111.4300, -87.7930, -44.4090



142.0720, 28.1420, 51.6780



126.2850, 19.2650, -46.2950

Square

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



142.0720, 28.1420, 51.6780



134.3220, 80.8780, -0.9940



108.6780, -56.7970, -55.4930



119.7810, -118.1970, -11.0050

Rectangle

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



142.0720, 28.1420, 51.6780



134.0700, 83.2090, 39.3770



108.6780, -56.7970, -55.4930



116.3490, -100.2660, -33.1140

Sweetspot

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



142.0720, 28.1420, 51.6780



232.5800, 10.7710, 19.5630



112.9980, -30.9080, 31.5240



114.3850, 6.6460, 11.7180



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.



142.0720, 28.1420, 51.6780



164.8470, 43.0380, 79.0860



136.3720, 44.1920, 36.1280



93.7170, 2.4750, 4.7070



66.9770, 45.7880, 84.3160



14.7540, 10.2210, 18.5170

Inverse Universe

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



142.0720, 28.1420, 51.6780



164.8470, 43.0380, 79.0860



165.6280, -44.1920, -36.1280



93.7170, 2.4750, 4.7070



66.9770, 45.7880, 84.3160



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 142.0720, 28.1420, 51.6780 looks on a white background.

Color Contrast Check

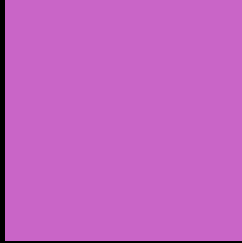
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0720, 28.1420, 51.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

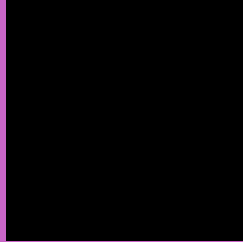
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.0720, 28.1420, 51.6780

Background



This preview shows how black text looks on a background with the YIQ color 142.0720, 28.1420, 51.6780.



This preview shows how white text looks on a background with the YIQ color 142.0720, 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

142.0720, 28.1420, 51.6780

Protanopia

137.0230, -50.3920, 21.1920

Deuteranopia

139.3720, -26.8700, 13.4020



Tritanopia

141.1520, 41.2150, 18.4870

Trichromacy



Original Color

142.0720, 28.1420, 51.6780



Protanomaly

138.9020, -21.8300, 32.2020



Deuteranomaly

140.7540, -6.9740, 27.2820



Tritanomaly

141.4910, 36.3070, 30.3470

Monochromacy



Original Color

142.0720, 28.1420, 51.6780



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

141.8680, 9.9000, 18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0720, 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(201, 101, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 199)  
}
```

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(201, 101, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 199) }
```

Border

The CSS property to change the border of an element to YIQ 142.0720, 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(201, 101, 199) }
```


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

```
.border{ border-color:rgb(201, 101, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0720, 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(201, 101, 199) }
```

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

```
.background{ background-color: rgb(201,  
101, 199) }
```

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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