

Converting Colors

YIQ(180.0920, 7.0540, 37.3740)

Have a look what the booklet for
YIQ(180.0920, 7.0540, 37.3740)
contains.

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Color

**YIQ(180.0920, 7.0540,
37.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	D29AEC
RGB	210, 154, 236
RGB Percent	82%, 60%, 93%
CMY	0.1763, 0.3962, 0.0745
CMYK	0.11, 0.35, 0.00, 0.07
HSL	281°, 68%, 76%
HSV	281°, 35%, 93%
XYZ	53.2825, 42.8676, 84.8160
YIQ	180.0920, 7.0540, 37.3740

Conversions

Conversions Part 2

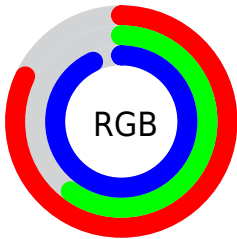
Format	Color
R _Y B	210, 154, 236
Decimal	13802220
CIE Lab	71.47, 35.27, -33.22
CIE LCh	71, 48.451, 316.714
Yxy	42.8676, 0.2944, 0.2369
Android (android.graphics.Color)	4291992300 (0xFFD29AEC)
YUV	180.0920, 27.5626, 26.2293
Hunter-Lab	65.4734, 30.6855, -30.9745

Details

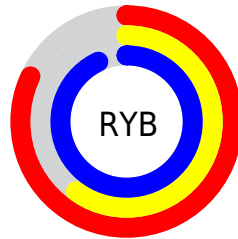
The YIQ color **180.0920, 7.0540, 37.3740** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.9080, -7.0540, -37.3740**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.9980, 12.6500, 24.0580**, and **126.4400, 5.9540, 35.2820** is the 20% darker color. If you saturate the color by 10%, you get **163.9110, 9.4820, 48.4420**, and if you desaturate by 10%, it is **196.5720, 5.2220, 26.5180**.

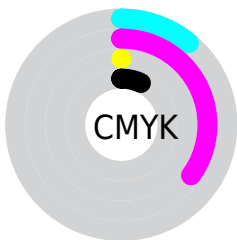
Distribution



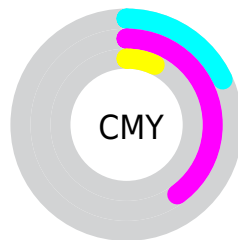
- Red (82%)
- Green (60%)
- Blue (93%)



- Red (82%)
- Yellow (60%)
- Blue (93%)



- Cyan (11%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.0920, 7.0540, 37.3740 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 180.0920, 7.0540, 37.3740 by changing the saturation by 10% instead.

180.0920, 7.0540,
37.3740

180.0920, 7.0540,
37.3740

255.0000, -0.0000,
-0.0000

153.2660, 6.5040,
36.3280

227.9980, 12.6500,
24.0580

126.4400, 5.9540,
35.2820

245.0210, 4.6750,
8.8910

100.9130, 6.0000,
34.4480

75.7880, 4.8540,
33.1900

51.2610, 4.9000,
32.3560

26.3750, 4.5790,
32.6670

15.4250, 1.1420,

23.3660

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 180.0920, 7.0540,
37.3740

■ 180.0920, 7.0540,
37.3740

■ 163.9110, 9.4820,
48.4420

■ 196.5720, 5.2220,
26.5180

■ 148.0180, 11.0390,
58.7750

■ 212.1660, 3.0690,
15.9730

■ 131.8370, 13.4670,
69.8430

■ 228.3470, 0.6410,
4.9050

■ 115.9440, 15.0240,
80.1760

■ 244.2400, -0.9160,
-5.4280

■ 99.7630, 17.4520,
91.2440

■ 250.4420, 1.3310,
-7.6050

■ 83.2830, 19.2840,
102.1000

■ 252.8340, 6.0990,
-5.9090

■ 75.0430, 20.2000,
107.5280

Harmonies

Analogous

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



173.4000, -41.2680, 21.0360



180.0920, 7.0540, 37.3740



179.0780, 45.2000, 39.8880

Triad

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



180.0920, 7.0540, 37.3740



172.9550, 56.6260, -13.0220



138.9120, -118.3290, -41.6650

Complementary

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



180.0920, 7.0540, 37.3740



209.9080, -7.0540, -37.3740

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.



149.5370, -69.0410, -42.8410



180.0920, 7.0540, 37.3740



168.9140, 28.3400, -29.0360

Square

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



180.0920, 7.0540, 37.3740



175.0840, 70.2850, 9.2690



163.1570, -12.1890, -37.9250



141.0100, -129.7480, -27.4440

Rectangle

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



180.0920, 7.0540, 37.3740



176.2890, 60.4230, 33.8230



163.1570, -12.1890, -37.9250



137.2020, -113.5140, -46.3300

Sweetspot

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



180.0920, 7.0540, 37.3740



237.9330, 2.1070, 11.3790



178.6100, -33.4720, 11.9040



117.1130, 1.4200, 7.3080



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.



180.0920, 7.0540, 37.3740



182.0250, 9.1610, 48.7530



186.1560, 27.3650, 38.2210



109.6460, 1.2370, 5.1170



57.7100, 15.8030, 82.5790



17.2190, 4.7180, 24.6380

Inverse Universe

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



181.4820, 40.5260, 25.4700



183.8690, 52.8580, 33.2580



203.8440, -27.3650, -38.2210



109.6310, 5.5930, 3.2650



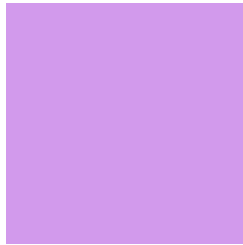
60.6170, 89.5790, 56.0990



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 180.0920, 7.0540, 37.3740 looks on a white background.

Color Contrast Check

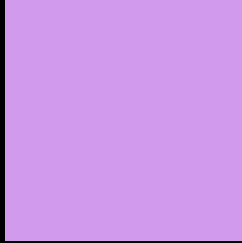
Large Text (above 18pt) WCAG AA × Fail

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 180.0920, 7.0540, 37.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

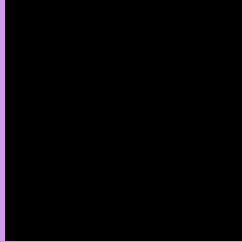
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0920, 7.0540, 37.3740

Background



This preview shows how black text looks on a background with the YIQ color 180.0920, 7.0540, 37.3740.



This preview shows how white text looks on a background with the YIQ color 180.0920, 7.0540,

37.3740.

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

180.0920, 7.0540, 37.3740

Protanopia

175.3140, -38.1500, 19.5940

Deuteranopia

176.1380, -26.0910, 15.8050



Tritanopia

177.9470, 16.6870, 11.4630

Trichromacy



Original Color

180.0920, 7.0540, 37.3740



Protanomaly

176.9140, -22.1040, 26.1520



Deuteranomaly

177.5250, -13.7590, 23.5930



Tritanomaly

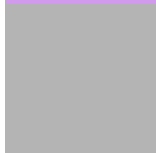
178.8900, 12.8340, 20.7220

Monochromacy



Original Color

180.0920, 7.0540, 37.3740



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

180.2860, 2.6110, 13.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0920, 7.0540, 37.3740 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(210, 154, 236)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 236)  
}
```

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(210, 154, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 236) }
```

Border

The CSS property to change the border of an element to YIQ 180.0920, 7.0540, 37.3740 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(210, 154, 236) }
```


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

```
.border{ border-color:rgb(210, 154, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 154, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 236);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0920, 7.0540, 37.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 236) }
```

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

```
.background{ background-color: rgb(210,  
154, 236) }
```

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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