

Converting Colors

YIQ(172.5080, 20.4420, 37.0340)

Have a look what the booklet for
YIQ(172.5080, 20.4420, 37.0340)
contains.

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Color

**YIQ(172.5080, 20.4420,
37.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	D78FD5
RGB	215, 143, 213
RGB Percent	84%, 56%, 84%
CMY	0.1566, 0.4393, 0.1647
CMYK	0.00, 0.34, 0.01, 0.16
HSL	302°, 47%, 70%
HSV	302°, 34%, 84%
XYZ	49.8695, 38.8957, 67.8346
YIQ	172.5080, 20.4420, 37.0340

Conversions

Conversions Part 2

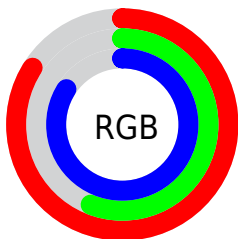
Format	Color
R _{YB}	215, 143, 213
Decimal	14127061
CIE Lab	68.68, 38.29, -24.82
CIE LCh	69, 45.636, 327.048
Yxy	38.8957, 0.3185, 0.2484
Android (android.graphics.Color)	4292317141 (0xFFD78FD5)
YUV	172.5080, 19.9626, 37.2655
Hunter-Lab	62.3664, 33.5911, -20.8319

Details

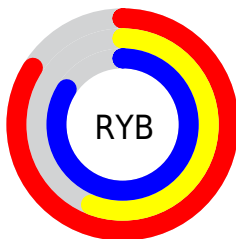
The YIQ color **172.5080, 20.4420, 37.0340** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.4920, -20.4420, -37.0340**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5410, 15.6750, 29.8110**, and **118.9700, 19.0210, 35.2530** is the 20% darker color. If you saturate the color by 10%, you get **159.4800, 26.8130, 48.2290**, and if you desaturate by 10%, it is **184.9490, 14.3460, 26.3620**.

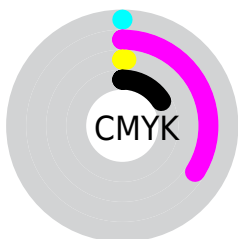
Distribution



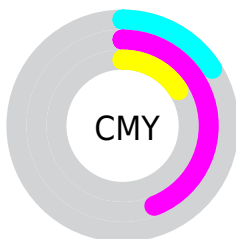
- Red (84%)
- Green (56%)
- Blue (84%)



- Red (84%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.5080, 20.4420, 37.0340 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 172.5080, 20.4420, 37.0340 by changing the saturation by 10% instead.

■ 172.5080, 20.4420,
37.0340

■ 172.5080, 20.4420,
37.0340

255.0000, -0.0000,
-0.0000

■ 145.6820, 19.8920,
35.9880

■ 221.5410, 15.6750,
29.8110

■ 118.9700, 19.0210,
35.2530

■ 237.9770, 7.9750,
15.1670

■ 93.2580, 18.1500,
34.5180

■ 67.8450, 17.8750,
33.9950

■ 42.0730, 17.2330,
34.6170

■ 23.4700, 14.4370,
30.2210

■ 14.9820, 9.5790,

19.1390

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 172.5080, 20.4420,
37.0340

■ 172.5080, 20.4420,
37.0340

■ 159.4800, 26.8130,
48.2290

■ 184.9490, 14.3460,
26.3620

■ 147.1530, 32.5880,
59.2120

■ 197.8630, 8.2960,
14.8560

■ 134.1250, 38.9590,
70.4070

■ 210.3040, 2.2000,
4.1840

■ 121.7980, 44.7340,
81.3900

■ 223.2180, -3.8500,
-7.3220

108.7700, 51.1050,
92.5850

236.2460,
-10.2210, -18.5170

96.3290, 57.2010,
103.2570

238.7080,
-11.6420, -20.2980

88.1110, 61.0510,
110.5790

238.8220,
-11.9630, -19.9870

238.9360,
-12.2840, -19.6760

Harmonies

Analogous

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



169.5550, -22.4710, 27.2970



172.5080, 20.4420, 37.0340



170.7380, 51.8490, 35.0250

Triad

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



172.5080, 20.4420, 37.0340



164.3340, 45.0730, -18.4070



133.6120, -117.1840, -34.8800

Complementary

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



172.5080, 20.4420, 37.0340



185.4920, -20.4420, -37.0340

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.



133.2980, -96.2290, -45.7090



172.5080, 20.4420, 37.0340



160.1450, 14.4480, -30.5760

Square

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



172.5080, 20.4420, 37.0340



166.9210, 63.1340, 1.1980



153.7840, -27.1360, -36.8640



134.3250, -126.0810, -22.3130

Rectangle

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



172.5080, 20.4420, 37.0340



168.7420, 63.2210, 27.1650



153.7840, -27.1360, -36.8640



132.6030, -112.9650, -39.7570

Sweetspot

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



172.5080, 20.4420, 37.0340



240.2110, 7.1960, 12.7640



151.5070, -22.5160, 22.6040



118.4940, 4.7210, 8.0570



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.



172.5080, 20.4420, 37.0340



194.7840, 29.0130, 52.4130



168.5180, 31.6770, 26.1490



100.5430, 3.0250, 5.7530



70.0530, 48.6300, 87.8780



17.6450, 12.1460, 22.1780

Inverse Universe

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



172.5080, 20.4420, 37.0340



194.7840, 29.0130, 52.4130



189.4820, -31.6770, -26.1490



100.5430, 3.0250, 5.7530



70.0530, 48.6300, 87.8780



17.6450, 12.1460, 22.1780

Previews

White Background



This preview shows how the YIQ color 172.5080, 20.4420, 37.0340 looks on a white background.

Color Contrast Check

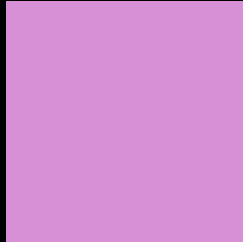
Large Text (above 18pt) WCAG AA × Fail

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 172.5080, 20.4420, 37.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

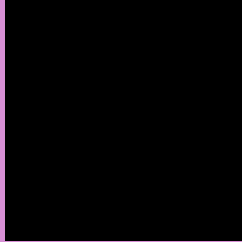
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.5080, 20.4420, 37.0340

Background



This preview shows how black text looks on a background with the YIQ color 172.5080, 20.4420, 37.0340.



This preview shows how white text looks on a background with the YIQ color 172.5080, 20.4420,

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

172.5080, 20.4420, 37.0340

Protanopia

168.2130, -30.6760, 16.3000

Deuteranopia

168.8310, -15.0410, 13.7830



Tritanopia

170.9980, 29.8450, 15.2930

Trichromacy



Original Color

172.5080, 20.4420, 37.0340

Protanomaly

170.0090, -12.2460, 23.7060

Deuteranomaly

169.9300, -1.8380, 22.3060

Tritanomaly

171.3000, 26.3590, 23.4070

Monochromacy



Original Color

172.5080, 20.4420, 37.0340

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7380, 7.1500, 13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.5080, 20.4420, 37.0340 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(215, 143, 213)` looks like.

```
.text, #text, p{  
    color:rgb(215, 143, 213)  
}
```

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(215, 143, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 143, 213) }
```

Border

The CSS property to change the border of an element to YIQ 172.5080, 20.4420, 37.0340 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(215, 143, 213) }
```


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

```
.border{ border-color:rgb(215, 143, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 143, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 143, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 143, 213);  
box-shadow:4px 4px 4px 4px rgb(215, 143,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 172.5080, 20.4420, 37.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 143, 213) }
```

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

```
.background{ background-color: rgb(215,  
143, 213) }
```

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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