

Converting Colors

YIQ(172.3710, 28.7380, 51.8900)

Have a look what the booklet for
YIQ(172.3710, 28.7380, 51.8900)
contains.

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Color

**YIQ(172.3710, 28.7380,
51.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	E883E5
RGB	232, 131, 229
RGB Percent	91%, 51%, 90%
CMY	0.0899, 0.4864, 0.1019
CMYK	0.00, 0.44, 0.01, 0.09
HSL	302°, 69%, 71%
HSV	302°, 44%, 91%
XYZ	55.5585, 39.0476, 78.7446
YIQ	172.3710, 28.7380, 51.8900

Conversions

Conversions Part 2

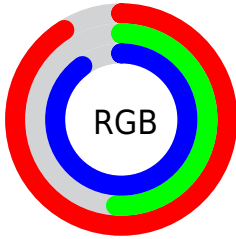
Format	Color
R _{YB}	232, 131, 229
Decimal	15238117
CIE _{Lab}	68.79, 52.61, -33.34
CIE _{LCh}	69, 62.281, 327.635
Yxy	39.0476, 0.3205, 0.2253
Android (android.graphics.Color)	4293428197 (0xFFE883E5)
YUV	172.3710, 27.9181, 52.2946
Hunter-Lab	62.4881, 49.3512, -30.9728

Details

The YIQ color **172.3710, 28.7380, 51.8900** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **190.6290, -28.7380, -51.8900**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.4970, 18.9750, 36.0870**, and **116.9470, 26.9960, 50.4200** is the 20% darker color. If you saturate the color by 10%, you get **158.7560, 35.3840, 63.6080**, and if you desaturate by 10%, it is **185.9860, 22.0920, 40.1720**.

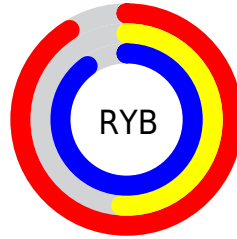
Distribution



Red (91%)

Green (51%)

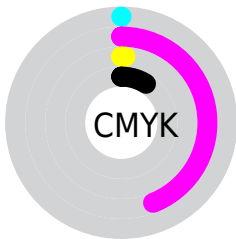
Blue (90%)



Red (91%)

Yellow (51%)

Blue (90%)

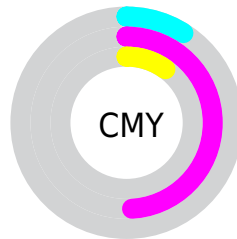


Cyan (0%)

Magenta (44%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.3710, 28.7380, 51.8900 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 172.3710, 28.7380, 51.8900 by changing the saturation by 10% instead.

172.3710, 28.7380,
51.8900

172.3710, 28.7380,
51.8900

255.0000, -0.0000,
-0.0000

144.6590, 27.8670,
51.1550

214.4970, 18.9750,
36.0870

116.9470, 26.9960,
50.4200

231.5200, 11.0000,
20.9200

89.9470, 26.9960,
50.4200

248.5430, 3.0250,
5.7530

60.4140, 27.1790,
52.6110

38.3380, 24.3370,
49.0490

27.8280, 16.5450,
36.0730

18.6280, 10.8160,

24.2560

■ 2.9640, -8.3460,
8.0860

■ 0.0000, 0.0000,
0.0000

■ 172.3710, 28.7380,
51.8900

■ 172.3710, 28.7380,
51.8900

■ 158.7560, 35.3840,
63.6080

■ 185.9860, 22.0920,
40.1720

■ 145.2550, 41.7090,
75.6370

■ 199.4870, 15.7670,
28.1430

■ 131.0530, 48.6300,
87.8780

■ 213.6890, 8.8460,
15.9020

■ 117.4380, 55.2760,
99.5960

■ 227.3040, 2.2000,
4.1840

■ 103.8230, 61.9220,
111.3140

■ 240.9190, -4.4460,
-7.5340

■ 95.0180, 66.0470,
119.1590

■ 245.6150, -6.6460,
-11.7180

■ 245.7290, -6.9670,
-11.4070

■ 245.8430, -7.2880,
-11.0960

Harmonies

Analogous

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



168.1940, -28.5240, 32.3720



172.3710, 28.7380, 51.8900



164.2870, 63.9050, 47.8170

Triad

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



172.3710, 28.7380, 51.8900



161.2090, 61.1220, -28.4300



139.4310, -123.9240, -33.8760

Complementary

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



172.3710, 28.7380, 51.8900



190.6290, -28.7380, -51.8900

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.



132.8190, -105.3060, -51.9140



172.3710, 28.7380, 51.8900



156.1540, 18.2560, -44.5280

Square

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



172.3710, 28.7380, 51.8900



164.5180, 83.2620, -0.1460



143.5330, -46.0230, -52.5110



140.0130, -133.8300, -19.5420

Rectangle

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



172.3710, 28.7380, 51.8900



160.5420, 75.8280, 35.4760



143.5330, -46.0230, -52.5110



137.2650, -117.8250, -39.7850

Sweetspot

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



172.3710, 28.7380, 51.8900



235.5150, 9.3960, 16.9480



143.1120, -31.2290, 31.8350



115.5590, 6.0960, 10.6720



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.



172.3710, 28.7380, 51.8900



176.4730, 37.8590, 68.3150



166.7850, 44.4670, 36.6510



110.5430, 3.0250, 5.7530



74.1830, 51.3800, 93.1080



22.0740, 15.4920, 27.6200

Inverse Universe

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



172.3710, 28.7380, 51.8900



176.4730, 37.8590, 68.3150



196.2150, -44.4670, -36.6510



110.5430, 3.0250, 5.7530



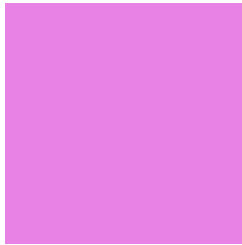
74.1830, 51.3800, 93.1080



22.0740, 15.4920, 27.6200

Previews

White Background



This preview shows how the YIQ color 172.3710, 28.7380, 51.8900 looks on a white background.

Color Contrast Check

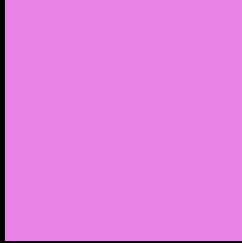
Large Text (above 18pt) WCAG AA × Fail

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 172.3710, 28.7380, 51.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

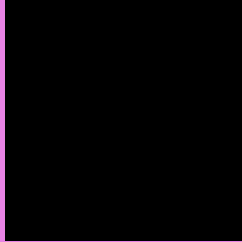
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3710, 28.7380, 51.8900

Background



This preview shows how black text looks on a background with the YIQ color 172.3710, 28.7380, 51.8900.



This preview shows how white text looks on a background with the YIQ color 172.3710, 28.7380,

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

172.3710, 28.7380, 51.8900

Protanopia

166.8880, -45.5780, 22.0540

Deuteranopia

169.2090, -24.8530, 15.3950



Tritanopia

170.9780, 41.7650, 19.5330

Trichromacy



Original Color

172.3710, 28.7380, 51.8900



Protanomaly

169.2830, -18.5290, 32.9510



Deuteranomaly

170.1780, -5.2320, 28.7520



Tritanomaly

171.3170, 36.8570, 31.3930

Monochromacy



Original Color

172.3710, 28.7380, 51.8900



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

172.1670, 10.4960, 19.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3710, 28.7380, 51.8900 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(232, 131, 229)` looks like.

```
.text, #text, p{  
    color:rgb(232, 131, 229)  
}
```

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(232, 131, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 131, 229) }
```

Border

The CSS property to change the border of an element to YIQ 172.3710, 28.7380, 51.8900 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(232, 131, 229) }
```


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

```
.border{ border-color:rgb(232, 131, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 131, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 131, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 131, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 131,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3710, 28.7380, 51.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 131, 229) }
```

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

```
.background{ background-color: rgb(232,  
131, 229) }
```

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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