

Converting Colors

YIQ(172.0540, 1.0490, 30.5610)

Have a look what the booklet for
YIQ(172.0540, 1.0490, 30.5610)
contains.

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Color

**YIQ(172.0540, 1.0490,
30.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	C098DF
RGB	192, 152, 223
RGB Percent	75%, 60%, 87%
CMY	0.2469, 0.4040, 0.1255
CMYK	0.14, 0.32, 0.00, 0.13
HSL	274°, 53%, 74%
HSV	274°, 32%, 87%
XYZ	46.2903, 38.9892, 74.8888
YIQ	172.0540, 1.0490, 30.5610

Conversions

Conversions Part 2

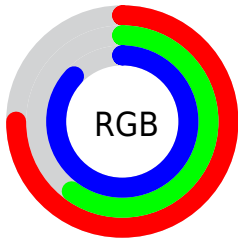
Format	Color
R_{YB}	192, 152, 223
Decimal	12622047
CIE _{Lab}	68.74, 28.11, -30.43
CIE _{LCh}	69, 41.431, 312.732
Yxy	38.9892, 0.2890, 0.2434
Android (android.graphics.Color)	4290812127 (0xFFC098DF)
YUV	172.0540, 25.1164, 17.4926
Hunter-Lab	62.4413, 23.0570, -27.4003

Details

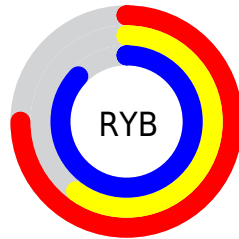
The YIQ color $172.0540, 1.0490, 30.5610$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $202.9460, -1.0490, -30.5610$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.0300, 9.6240, 23.8320$, and $119.7010, 0.5450, 28.6810$ is the 20% darker color. If you saturate the color by 10%, you get $156.1500, 1.1390, 39.9470$, and if you desaturate by 10%, it is $187.9580, 0.9590, 21.1750$.

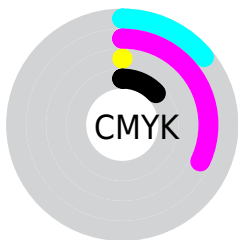
Distribution



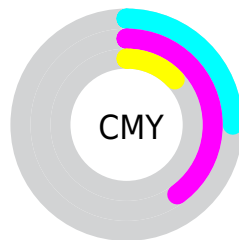
- Red (75%)
- Green (60%)
- Blue (87%)



- Red (75%)
- Yellow (60%)
- Blue (87%)



- Cyan (14%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.0540, 1.0490, 30.5610 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 172.0540, 1.0490, 30.5610 by changing the saturation by 10% instead.

■ 172.0540, 1.0490,
30.5610

■ 172.0540, 1.0490,
30.5610

255.0000, -0.0000,
-0.0000

■ 145.2280, 0.4990,
29.5150

■ 225.0300, 9.6240,
23.8320

■ 119.7010, 0.5450,
28.6810

■ 243.2600, 5.5000,
10.4600

■ 93.8750, -0.0050,
27.6350

■ 69.9350, -0.2340,
26.2780

■ 46.1090, -0.7840,
25.2320

■ 23.2830, -1.3340,
24.1860

■ 10.3980, -3.3960,

17.5000

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 172.0540, 1.0490,
30.5610

■ 172.0540, 1.0490,
30.5610

■ 156.1500, 1.1390,
39.9470

■ 187.9580, 0.9590,
21.1750

■ 139.9580, 2.1000,
50.0680

■ 204.1500, -0.0020,
11.0540

■ 124.0540, 2.1900,
59.4540

■ 220.0540, -0.0920,
1.6680

■ 108.1500, 2.2800,
68.8400

■ 235.9580, -0.1820,
-7.7180

■ 91.6590, 2.6450,
78.7490

■ 247.1660, 1.9280,
-12.9200

■ 76.0540, 3.3310,
88.3470

■ 249.8570, 7.2920,
-11.0120

■ 63.0960, 3.5130,
96.0650

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



166.1780, -40.7630, 17.3890



172.0540, 1.0490, 30.5610



172.4140, 35.2060, 33.7820

Triad

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



172.0540, 1.0490, 30.5610



166.4800, 50.8940, -8.2580



131.2180, -110.4430, -41.4110

Complementary

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



172.0540, 1.0490, 30.5610



202.9460, -1.0490, -30.5610

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.



150.7140, -47.3100, -34.6860



172.0540, 1.0490, 30.5610



163.6030, 28.0180, -23.1980

Square

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



172.0540, 1.0490, 30.5610



168.3480, 60.7940, 10.5700



158.3800, -5.2670, -31.2110



133.3330, -120.5320, -29.2680

Rectangle

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



172.0540, 1.0490, 30.5610



171.0920, 50.6120, 29.9080



158.3800, -5.2670, -31.2110



139.9130, -84.5390, -37.2990

Sweetspot

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



172.0540, 1.0490, 30.5610



237.0360, 0.3190, 10.7430



178.8780, -31.5910, 5.3450



116.5150, 0.2280, 6.8840



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.



172.0540, 1.0490, 30.5610



185.5030, 1.6430, 41.8270



180.8670, 20.8090, 35.8890



104.0480, 0.0450, 4.6930



49.6650, 2.5080, 75.7240



13.5450, 0.6840, 20.6520

Inverse Universe

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



176.7630, 32.3650, 24.6930



191.7910, 44.3300, 33.6260



194.1330, -20.8090, -35.8890



104.8590, 4.9510, 3.8870



61.4020, 80.1790, 61.2590



16.7460, 21.8670, 16.7070

Previews

White Background



This preview shows how the YIQ color 172.0540, 1.0490, 30.5610 looks on a white background.

Color Contrast Check

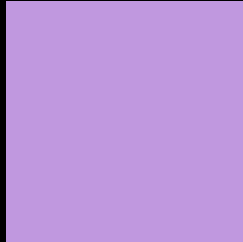
Large Text (above 18pt) WCAG AA × Fail

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 172.0540, 1.0490, 30.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

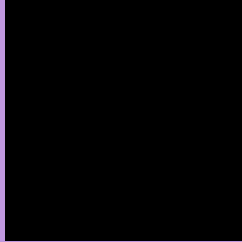
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.0540, 1.0490, 30.5610

Background



This preview shows how black text looks on a background with the YIQ color 172.0540, 1.0490, 30.5610.



This preview shows how white text looks on a background with the YIQ color 172.0540, 1.0490,

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

172.0540, 1.0490, 30.5610

Protanopia

167.9570, -32.8310, 16.8090

Deuteranopia

168.5790, -23.0190, 15.1970



Tritanopia

169.9460, 9.2600, 8.3960

Trichromacy



Original Color

172.0540, 1.0490, 30.5610

Protanomaly

169.3500, -20.6360, 21.5720

Deuteranomaly

169.6450, -14.2170, 20.8790

Tritanomaly

170.5470, 6.3700, 16.7220

Monochromacy



Original Color

172.0540, 1.0490, 30.5610

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1500, -0.0020, 11.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0540, 1.0490, 30.5610 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(192, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(192, 152, 223)  
}
```

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(192, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 152, 223) }
```

Border

The CSS property to change the border of an element to YIQ 172.0540, 1.0490, 30.5610 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(192, 152, 223) }
```


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

```
.border{ border-color:rgb(192, 152, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 152, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 152, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 152, 223);  
box-shadow:4px 4px 4px 4px rgb(192, 152,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0540, 1.0490, 30.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 152, 223) }
```

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

```
.background{ background-color: rgb(192,  
152, 223) }
```

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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