

Converting Colors

YIQ(172.3520, 48.0850, 59.1970)

Have a look what the booklet for
YIQ(172.3520, 48.0850, 59.1970)
contains.

YIQ(172.3520, 48.0850, 59.1970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(172.3520, 48.0850,
59.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79DC
RGB	255, 121, 220
RGB Percent	100%, 47%, 86%
CMY	0.0000, 0.5257, 0.1371
CMYK	0.00, 0.53, 0.14, 0.00
HSL	316°, 100%, 74%
HSV	316°, 53%, 100%
XYZ	60.9927, 40.0900, 72.2538
YIQ	172.3520, 48.0850, 59.1970

Conversions

Conversions Part 2

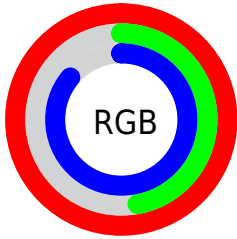
Format	Color
RYB	255, 121, 220
Decimal	16742876
CIELab	69.53, 62.59, -26.98
CIElCh	70, 68.157, 336.685
Yxy	40.0900, 0.3519, 0.2313
Android (android.graphics.Color)	4294932956 (0xFFFF79DC)
YUV	172.3520, 23.4905, 72.4823
Hunter-Lab	63.3166, 61.1443, -23.3372

Details

The YIQ color $172.3520, 48.0850, 59.1970$ is a light color, and the websafe version is hex $FF66CC$. A complement of this color would be $203.6480, -48.0850, -59.1970$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $209.8010, 21.1750, 40.2710$, and $114.9820, 46.2510, 59.3950$ is the 20% darker color. If you saturate the color by 10%, you get $156.2920, 57.4820, 70.6180$, and if you desaturate by 10%, it is $187.8250, 38.9630, 48.2990$.

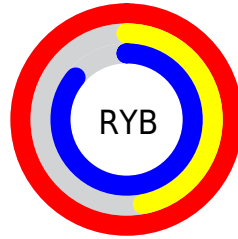
Distribution



Red (100%)

Green (47%)

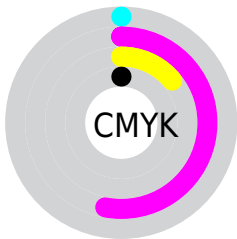
Blue (86%)



Red (100%)

Yellow (47%)

Blue (86%)

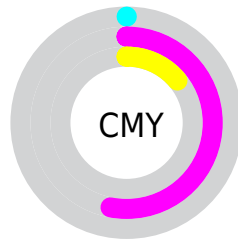


Cyan (0%)

Magenta (53%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.3520, 48.0850, 59.1970 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 172.3520, 48.0850, 59.1970 by changing the saturation by 10% instead.


 172.3520, 48.0850,
59.1970


 172.3520, 48.0850,
59.1970


255.0000, -0.0000,
-0.0000

 143.7540, 46.8930,
58.7730


 209.8010, 21.1750,
40.2710


 114.9820, 46.2510,
59.3950


 226.8240, 13.2000,
25.1040

 83.8620, 46.7090,
62.1090

 243.8470, 5.2250,
9.9370

 54.1440, 45.9750,
64.3990

 42.9220, 37.3120,
50.6880

 32.1130, 28.9240,
37.5000

 22.4290, 21.6820,

25.5700

■ 10.3530, 9.6720,
11.9440

■ 0.0000, 0.0000,
0.0000

■ 172.3520, 48.0850,
59.1970

■ 172.3520, 48.0850,
59.1970

■ 156.2920, 57.4820,
70.6180

■ 187.8250, 38.9630,
48.2990

■ 140.9330, 66.2830,
81.8270

■ 203.7710, 29.8870,
36.5670

■ 124.8730, 75.6800,
93.2480

■ 219.2440, 20.7650,
25.6690

■ 109.4000, 84.8020,
104.1460

■ 235.3040, 11.3680,
14.2480

■ 97.6770, 91.6320,
112.5280

■ 250.6630, 2.5670,
3.0390

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



172.1690, -9.0400, 42.7040



172.3520, 48.0850, 59.1970



158.8270, 71.0120, 45.6680

Triad

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



172.3520, 48.0850, 59.1970



159.9660, 56.9520, -40.9680



143.2270, -131.8570, -27.7690

Complementary

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



172.3520, 48.0850, 59.1970



203.6480, -48.0850, -59.1970

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.



137.5610, -113.1470, -47.4750



172.3520, 48.0850, 59.1970



153.6140, 1.9810, -52.4430

Square

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



172.3520, 48.0850, 59.1970



164.9230, 86.0150, -11.4970



128.5040, -91.7780, -65.8100



140.0130, -133.8300, -19.5420

Rectangle

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



172.3520, 48.0850, 59.1970



158.3760, 81.9270, 29.5670



128.5040, -91.7780, -65.8100



142.3490, -126.6290, -34.4130

Sweetspot

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



172.3520, 48.0850, 59.1970



229.6790, 14.8060, 18.0220



146.1430, -23.3460, 48.6700



112.5270, 9.1220, 10.8980



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.



172.3520, 48.0850, 59.1970



155.7050, 57.7570, 71.1410



164.8280, 69.2710, 38.6710



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Inverse Universe

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



172.3520, 48.0850, 59.1970



155.7050, 57.7570, 71.1410



211.0580, -68.9500, -38.9820



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 172.3520, 48.0850, 59.1970 looks on a white background.

Color Contrast Check

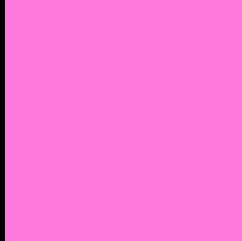
Large Text (above 18pt) WCAG AA × Fail

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 172.3520, 48.0850, 59.1970 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 172.3520, 48.0850, 59.1970

Background



This preview shows how black text looks on a background with the YIQ color 172.3520, 48.0850, 59.1970.



This preview shows how white text looks on a background with the YIQ color 172.3520, 48.0850,

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

172.3520, 48.0850, 59.1970

Protanopia

168.9590, -44.3400, 21.6440

Deuteranopia

171.5320, -15.6370, 13.5710



Tritanopia

171.1440, 62.0290, 26.7410

Trichromacy



Original Color

172.3520, 48.0850, 59.1970



Protanomaly

170.0560, -10.4600, 35.3960



Deuteranomaly

171.7620, 7.7430, 30.3910



Tritanomaly

171.4830, 57.1210, 38.6010

Monochromacy



Original Color

172.3520, 48.0850, 59.1970



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.7550, 17.6480, 21.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3520, 48.0850, 59.1970 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(255, 121, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 220)  
}
```

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(255, 121, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 220) }
```

Border

The CSS property to change the border of an element to YIQ 172.3520, 48.0850, 59.1970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

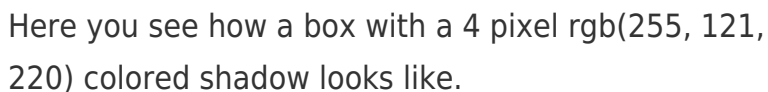
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 121, 220) }
```


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

```
.border{ border-color:rgb(255, 121, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 121, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3520, 48.0850, 59.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 220) }
```

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

```
.background{ background-color: rgb(255,  
121, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor