

Converting Colors

YIQ(147.9470, 17.8280, 40.3560)

Have a look what the booklet for
YIQ(147.9470, 17.8280, 40.3560)
contains.

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Color

**YIQ(147.9470, 17.8280,
40.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	BE75C5
RGB	190, 117, 197
RGB Percent	75%, 46%, 77%
CMY	0.2547, 0.5413, 0.2274
CMYK	0.04, 0.41, 0.00, 0.23
HSL	295°, 41%, 62%
HSV	295°, 41%, 77%
XYZ	37.6855, 27.7013, 56.1853
YIQ	147.9470, 17.8280, 40.3560

Conversions

Conversions Part 2

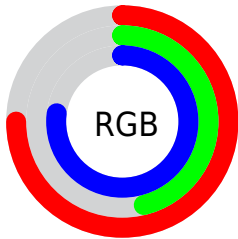
Format	Color
R _Y B	190, 117, 197
Decimal	12481989
CIE Lab	59.62, 41.38, -30.04
CIE LCh	60, 51.138, 324.023
Yxy	27.7013, 0.3100, 0.2279
Android (android.graphics.Color)	4290672069 (0xFFBE75C5)
YUV	147.9470, 24.1831, 36.8805
Hunter-Lab	52.6320, 35.7032, -26.4504

Details

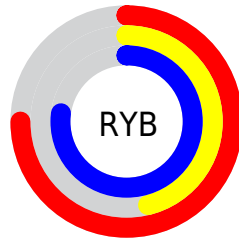
The YIQ color $147.9470, 17.8280, 40.3560$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $166.0530, -17.8280, -40.3560$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $203.4850, 19.2490, 42.1370$, and $95.4090, 16.4070, 38.5750$ is the 20% darker color. If you saturate the color by 10%, you get $135.6090, 22.1360, 50.3920$, and if you desaturate by 10%, it is $160.2850, 13.5200, 30.3200$.

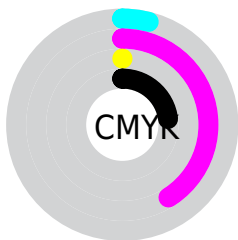
Distribution



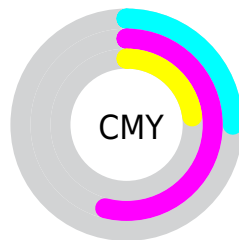
- Red (75%)
- Green (46%)
- Blue (77%)



- Red (75%)
- Yellow (46%)
- Blue (77%)



- Cyan (4%)
- Magenta (41%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9470, 17.8280, 40.3560 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 147.9470, 17.8280, 40.3560 by changing the saturation by 10% instead.

■ 147.9470, 17.8280,
40.3560

■ 147.9470, 17.8280,
40.3560

■ 255.0000, -0.0000,
-0.0000

■ 121.2350, 16.9570,
39.6210

■ 203.4850, 19.2490,
42.1370

■ 95.4090, 16.4070,
38.5750

■ 221.5410, 15.6750,
29.8110

■ 69.9960, 16.1320,
38.0520

■ 238.5640, 7.7000,
14.6440

■ 42.9360, 16.3610,
39.4090

■ 25.0940, 12.7400,
33.4440

■ 16.6060, 7.8820,
22.3620

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 147.9470, 17.8280,
40.3560

■ 147.9470, 17.8280,
40.3560

■ 135.6090, 22.1360,
50.3920

■ 160.2850, 13.5200,
30.3200

■ 124.1570, 26.7650,
60.1170

■ 171.7370, 8.8910,
20.5950

■ 111.8190, 31.0730,
70.1530

■ 184.0750, 4.5830,
10.5590

■ 99.4810, 35.3810,
80.1890

■ 196.4130, 0.2750,
0.5230

■ 87.4420, 40.2850,
90.4370

■ 208.1640, -3.7580,
-8.9900

■ 76.2780, 44.0430,
99.4270

■ 220.2030, -8.6620,
-19.2380

■ 232.5410,
-12.9700, -29.2740

■ 233.1390,
-11.7780, -28.8500

■ 233.4380,
-11.1820, -28.6380

Harmonies

Analogous

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



143.8790, -32.1910, 27.2410



147.9470, 17.8280, 40.3560



144.7970, 53.3610, 40.6650

Triad

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



147.9470, 17.8280, 40.3560



139.2160, 51.2170, -19.6230



117.2610, -102.8340, -30.6260

Complementary

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



147.9470, 17.8280, 40.3560



166.0530, -17.8280, -40.3560

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.



112.0170, -88.0680, -44.9320



147.9470, 17.8280, 40.3560



135.3750, 19.4920, -33.8840

Square

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



147.9470, 17.8280, 40.3560



141.7260, 68.1770, 3.4170



127.5620, -26.6310, -40.5110



119.1310, -113.6110, -17.0270

Rectangle

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



147.9470, 17.8280, 40.3560



143.0570, 66.8880, 32.2960



127.5620, -26.6310, -40.5110



116.1380, -98.2940, -35.8140

Sweetspot

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



147.9470, 17.8280, 40.3560



235.9060, 6.7370, 15.5770



130.8160, -27.8800, 20.6960



116.8360, 3.7580, 8.9900



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.



147.9470, 17.8280, 40.3560



178.3360, 27.8190, 63.0430



146.3920, 32.2720, 31.8880



93.7170, 2.4750, 4.7070



63.1330, 36.4810, 82.2810



13.9710, 8.1120, 18.1920

Inverse Universe

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



141.7180, 45.4330, 19.1370



168.6290, 70.9690, 29.9210



167.6080, -32.2720, -31.8880



92.6910, 5.3640, 1.9080



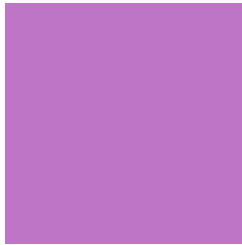
50.3330, 92.6540, 38.9100



11.1060, 20.4930, 8.5650

Previews

White Background



This preview shows how the YIQ color 147.9470, 17.8280, 40.3560 looks on a white background.

Color Contrast Check

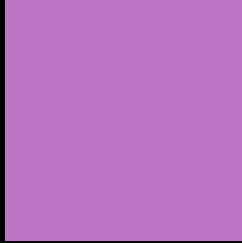
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.9470, 17.8280, 40.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

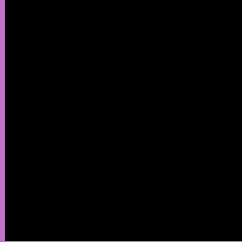
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.9470, 17.8280, 40.3560

Background



This preview shows how black text looks on a background with the YIQ color 147.9470, 17.8280, 40.3560.



This preview shows how white text looks on a background with the YIQ color 147.9470, 17.8280,

40.3560.

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

147.9470, 17.8280, 40.3560

Protanopia

142.7870, -38.1040, 18.7600

Deuteranopia

144.4110, -22.6060, 13.2180



Tritanopia

145.9870, 28.3780, 14.3460

Trichromacy



Original Color

147.9470, 17.8280, 40.3560

Protanomaly

144.4800, -17.8860, 26.8020

Deuteranomaly

145.6350, -8.2570, 22.9990

Tritanomaly

146.9300, 24.5250, 23.6050

Monochromacy



Original Color

147.9470, 17.8280, 40.3560

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0800, 6.1870, 14.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9470, 17.8280, 40.3560 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(190, 117, 197)` looks like.

```
.text, #text, p{  
    color:rgb(190, 117, 197)  
}
```

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(190, 117, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 117, 197) }
```

Border

The CSS property to change the border of an element to YIQ 147.9470, 17.8280, 40.3560 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(190, 117, 197) }
```


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

```
.border{ border-color:rgb(190, 117, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 117, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 117, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 117, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 117,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9470, 17.8280, 40.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 117, 197) }
```

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

```
.background{ background-color: rgb(190,  
117, 197) }
```

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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