

Converting Colors

YIQ(175.3680, 23.6520, 33.9240)

Have a look what the booklet for
YIQ(175.3680, 23.6520, 33.9240)
contains.

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Color

**YIQ(175.3680, 23.6520,
33.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	DB93CF
RGB	219, 147, 207
RGB Percent	86%, 58%, 81%
CMY	0.1410, 0.4236, 0.1882
CMYK	0.00, 0.33, 0.05, 0.14
HSL	310°, 50%, 72%
HSV	310°, 33%, 86%
XYZ	50.9224, 40.4320, 64.1595
YIQ	175.3680, 23.6520, 33.9240

Conversions

Conversions Part 2

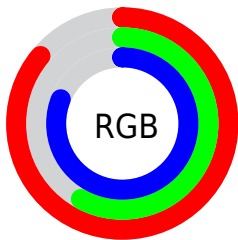
Format	Color
R _Y B	219, 147, 207
Decimal	14390223
CIE Lab	69.78, 36.37, -19.78
CIE LCh	70, 41.402, 331.456
Yxy	40.4320, 0.3274, 0.2600
Android (android.graphics.Color)	4292580303 (0xFFDB93CF)
YUV	175.3680, 15.5946, 38.2653
Hunter-Lab	63.5861, 31.6745, -15.3143

Details

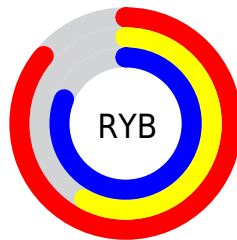
The YIQ color $175.3680, 23.6520, 33.9240$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $190.6320, -23.6520, -33.9240$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.8890, 14.5750, 27.7190$, and $121.9440, 21.9100, 32.4540$ is the 20% darker color. If you saturate the color by 10%, you get $161.9980, 30.9860, 44.1860$, and if you desaturate by 10%, it is $188.7380, 16.3180, 23.6620$.

Distribution



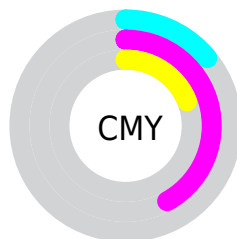
- Red (86%)
- Green (58%)
- Blue (81%)



- Red (86%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3680, 23.6520, 33.9240 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 175.3680, 23.6520, 33.9240 by changing the saturation by 10% instead.

175.3680, 23.6520,
33.9240

175.3680, 23.6520,
33.9240

255.0000, -0.0000,
-0.0000

148.5420, 23.1020,
32.8780

223.8890, 14.5750,
27.7190

121.9440, 21.9100,
32.4540

240.3250, 6.8750,
13.0750

96.2320, 21.0390,
31.7190

70.8190, 20.7640,
31.1960

45.6340, 19.8470,
31.2950

23.7970, 17.8300,
29.3020

15.7220, 13.2470,

18.7430

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 175.3680, 23.6520,
33.9240

■ 175.3680, 23.6520,
33.9240

■ 161.9980, 30.9860,
44.1860

■ 188.7380, 16.3180,
23.6620

■ 148.7420, 37.9990,
54.7590

■ 201.9940, 9.3050,
13.0890

■ 135.3720, 45.3330,
65.0210

■ 215.3640, 1.9710,
2.8270

■ 122.0020, 52.6670,
75.2830

■ 228.7340, -5.3630,
-7.4350

108.7460, 59.6800,
85.8560

240.8160,
-11.8260, -16.9620

95.9630, 66.7390,
95.5950

241.2720,
-13.1100, -15.7180

86.2290, 72.1020,
103.0300

241.7280,
-14.3940, -14.4740

242.0700,
-15.3570, -13.5410

242.5260,
-16.6410, -12.2970

Harmonies

Analogous

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



173.6330, -13.9430, 26.9290



175.3680, 23.6520, 33.9240



174.2060, 50.2910, 30.2190

Triad

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



175.3680, 23.6520, 33.9240



167.6260, 38.3790, -18.2370



134.6550, -118.7430, -34.1590

Complementary

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



175.3680, 23.6520, 33.9240



190.6320, -23.6520, -33.9240

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.



144.4790, -80.3210, -36.6490



175.3680, 23.6520, 33.9240



163.6760, 8.5790, -28.8370

Square

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



175.3680, 23.6520, 33.9240



170.2190, 56.3030, -1.6570



157.2230, -29.7500, -33.5420



142.3870, -111.4560, -17.5360

Rectangle

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



175.3680, 23.6520, 33.9240



172.5410, 59.2330, 22.3450



157.2230, -29.7500, -33.5420



133.9880, -115.4870, -38.1030

Sweetspot

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



175.3680, 23.6520, 33.9240



239.8690, 8.1590, 11.8310



158.7960, -15.9600, 24.9360



118.2660, 5.3630, 7.4350



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.



175.3680, 23.6520, 33.9240



194.9490, 32.6820, 46.4900



171.2640, 35.2080, 22.7280



103.3150, 3.6670, 5.1310



68.1430, 56.8840, 81.4600



18.0860, 15.2180, 21.5700

Inverse Universe

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



175.3680, 23.6520, 33.9240



194.9490, 32.6820, 46.4900



194.7360, -35.2080, -22.7280



103.3150, 3.6670, 5.1310



68.1430, 56.8840, 81.4600



18.0860, 15.2180, 21.5700

Previews

White Background



This preview shows how the YIQ color 175.3680, 23.6520, 33.9240 looks on a white background.

Color Contrast Check

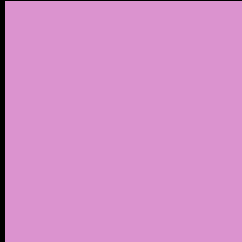
Large Text (above 18pt) WCAG AA × Fail

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 175.3680, 23.6520, 33.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

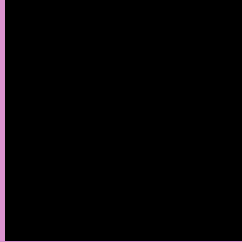
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.3680, 23.6520, 33.9240

Background



This preview shows how black text looks on a background with the YIQ color 175.3680, 23.6520, 33.9240.



This preview shows how white text looks on a background with the YIQ color 175.3680, 23.6520,

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

175.3680, 23.6520, 33.9240

Protanopia

171.5680, -24.4860, 14.2500

Deuteranopia

172.5990, -8.5760, 12.2560



Tritanopia

174.0090, 31.3120, 16.2400

Trichromacy



Original Color

175.3680, 23.6520, 33.9240

Protanomaly

173.0650, -6.6520, 21.4440

Deuteranomaly

173.6870, 3.1600, 19.8320

Tritanomaly

174.5560, 28.5140, 22.8980

Monochromacy



Original Color

175.3680, 23.6520, 33.9240

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2820, 8.4340, 12.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3680, 23.6520, 33.9240 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(219, 147, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 207)  
}
```

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(219, 147, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 207) }
```

Border

The CSS property to change the border of an element to YIQ 175.3680, 23.6520, 33.9240 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(219, 147, 207) }
```


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

```
.border{ border-color:rgb(219, 147, 207) }
```

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

Here you see how a box with a 4 pixel rgb(219, 147, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3680, 23.6520, 33.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 207) }
```

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

```
.background{ background-color: rgb(219,  
147, 207) }
```

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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