

Converting Colors

YIQ(193.5250, 12.6040, 24.8920)

Have a look what the booklet for
YIQ(193.5250, 12.6040, 24.8920)
contains.

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Color

**YIQ(193.5250, 12.6040,
24.8920)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DDAEDE |
| RGB | 221, 174, 222 |
| RGB Percent | 87%, 68%, 87% |
| CMY | 0.1332, 0.3177, 0.1294 |
| CMYK | 0.00, 0.22, 0.00, 0.13 |
| HSL | 299°, 42%, 78% |
| HSV | 299°, 22%, 87% |
| XYZ | 58.1473, 50.9164, 75.8727 |
| YIQ | 193.5250, 12.6040, 24.8920 |

Conversions

Conversions Part 2

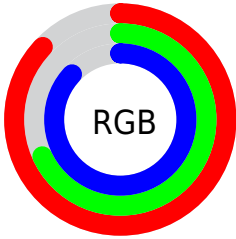
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 221, 174, 222 |
| Decimal | 14528222 |
| CIE Lab | 76.63, 25.20, -17.61 |
| CIE LCh | 77, 30.740, 325.053 |
| Yxy | 50.9164, 0.3144, 0.2753 |
| Android (android.graphics.Color) | 4292718302 (0xFFDDAEDE) |
| YUV | 193.5250, 14.0382, 24.0956 |
| Hunter-Lab | 71.3558, 20.5858, -13.0941 |

Details

The YIQ color $193.5250, 12.6040, 24.8920$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $202.4750, -12.6040, -24.8920$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.3250, 6.8750, 13.0750$, and $139.4000, 11.4580, 23.6340$ is the 20% darker color. If you saturate the color by 10%, you get $180.6110, 18.6540, 36.3980$, and if you desaturate by 10%, it is $206.4390, 6.5540, 13.3860$.

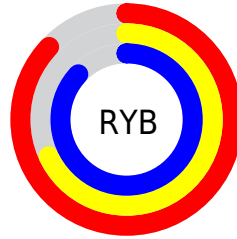
Distribution



Red (87%)

Green (68%)

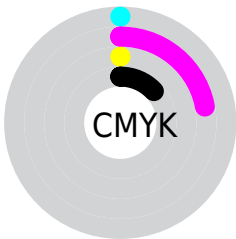
Blue (87%)



Red (87%)

Yellow (68%)

Blue (87%)

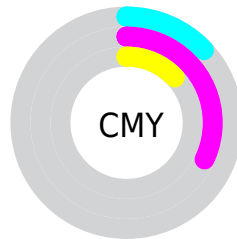


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.5250, 12.6040, 24.8920 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 193.5250, 12.6040, 24.8920 by changing the saturation by 10% instead.

193.5250, 12.6040,
24.8920

193.5250, 12.6040,
24.8920

255.0000, -0.0000,
-0.0000

166.1120, 12.3290,
24.3690

240.3250, 6.8750,
13.0750

139.4000, 11.4580,
23.6340

113.8730, 11.5040,
22.8000

89.1610, 10.6330,
22.0650

65.3350, 10.0830,
21.0190

42.0360, 9.4870,
20.8070

19.6230, 9.2120,

20.2840

■ 6.9220, 0.6400,
10.4320

■ 0.0000, 0.0000,
0.0000

■ 193.5250, 12.6040,
24.8920

■ 193.5250, 12.6040,
24.8920

■ 180.6110, 18.6540,
36.3980

■ 206.4390, 6.5540,
13.3860

■ 167.3980, 24.1080,
47.6920

■ 219.6520, 1.1000,
2.0920

■ 153.8970, 30.4330,
59.7210

■ 233.1530, -5.2250,
-9.9370

■ 140.6840, 35.8870,
71.0150

■ 241.6700, -8.4790,
-17.0470

■ 127.7700, 41.9370,
82.5210

■ 241.9690, -7.8830,
-16.8350

■ 114.5570, 47.3910,
93.8150

■ 242.2680, -7.2870,
-16.6230

■ 101.6430, 53.4410,
105.3210

■ 90.4900, 58.6660,
115.2580

Harmonies

Analogous

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



190.6940, -15.9130, 18.5750



193.5250, 12.6040, 24.8920



193.2040, 35.4370, 24.0850

Triad

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



193.5250, 12.6040, 24.8920



188.3300, 33.7010, -10.5470



174.1150, -63.9560, -19.3480

Complementary

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



193.5250, 12.6040, 24.8920



202.4750, -12.6040, -24.8920

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.



177.0770, -43.5980, -24.8620



193.5250, 12.6040, 24.8920



185.0990, 12.0620, -20.3700

Square

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



193.5250, 12.6040, 24.8920



190.2920, 46.0320, 2.7680



181.2190, -14.7590, -24.3830



177.9660, -64.5540, -8.5060

Rectangle

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



193.5250, 12.6040, 24.8920



192.2340, 43.9200, 19.0240



181.2190, -14.7590, -24.3830



174.8720, -58.9580, -21.8220

Sweetspot

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



193.5250, 12.6040, 24.8920



246.1950, 4.1250, 7.8450



180.6460, -15.9580, 13.8820



122.4180, 1.8790, 4.4950



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.



193.5250, 12.6040, 24.8920



215.9590, 17.5540, 34.3060



191.3160, 20.2620, 18.2620



105.5430, 3.0250, 5.7530



71.4920, 46.0160, 91.2000



19.5250, 12.6040, 24.8920

Inverse Universe

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



188.4660, 28.2870, 10.4870



208.8480, 39.0150, 14.3030



204.6840, -20.2620, -18.2620



104.2890, 6.5560, 2.3320



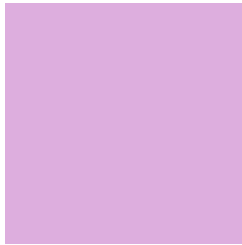
53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 193.5250, 12.6040, 24.8920 looks on a white background.

Color Contrast Check

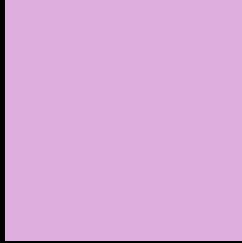
Large Text (above 18pt) WCAG AA × Fail

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 193.5250, 12.6040, 24.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

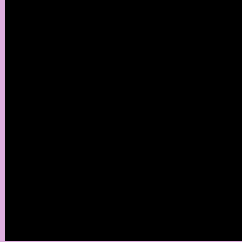
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.5250, 12.6040, 24.8920

Background



This preview shows how black text looks on a background with the YIQ color 193.5250, 12.6040, 24.8920.



This preview shows how white text looks on a background with the YIQ color 193.5250, 12.6040,

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

193.5250, 12.6040, 24.8920

Protanopia

190.2110, -19.1670, 11.4650

Deuteranopia

191.3820, -6.4670, 12.5810



Tritanopia

191.9580, 18.1540, 12.4100

Trichromacy



Original Color

193.5250, 12.6040, 24.8920

Protanomaly

191.4190, -7.8890, 16.3270

Deuteranomaly

192.1380, 0.2720, 17.1040

Tritanomaly

192.3370, 15.7690, 17.0890

Monochromacy



Original Color

193.5250, 12.6040, 24.8920

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0210, 4.6750, 8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.5250, 12.6040, 24.8920 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(221, 174, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 222)  
}
```

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(221, 174, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 222) }
```

Border

The CSS property to change the border of an element to YIQ 193.5250, 12.6040, 24.8920 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(221, 174, 222) }
```


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

```
.border{ border-color:rgb(221, 174, 222) }
```

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

Here you see how a box with a 4 pixel rgb(221, 174, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 193.5250, 12.6040, 24.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 222) }
```

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

```
.background{ background-color: rgb(221,  
174, 222) }
```

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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