

Converting Colors

YIQ(193.7360, 1.4640, 17.5280)

Have a look what the booklet for
YIQ(193.7360, 1.4640, 17.5280)
contains.

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Color

**YIQ(193.7360, 1.4640,
17.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB6DE
RGB	206, 182, 222
RGB Percent	81%, 71%, 87%
CMY	0.1921, 0.2863, 0.1294
CMYK	0.07, 0.18, 0.00, 0.13
HSL	276°, 38%, 79%
HSV	276°, 18%, 87%
XYZ	55.3693, 51.8502, 76.1925
YIQ	193.7360, 1.4640, 17.5280

Conversions

Conversions Part 2

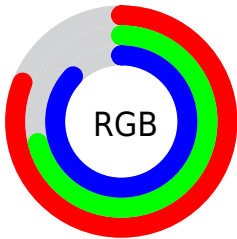
Format	Color
R _Y B	206, 182, 222
Decimal	13547230
CIE Lab	77.19, 15.90, -16.89
CIE LCh	77, 23.195, 313.278
Yxy	51.8502, 0.3019, 0.2827
Android (android.graphics.Color)	4291737310 (0xFFCEB6DE)
YUV	193.7360, 13.9342, 10.7555
Hunter-Lab	72.0071, 11.2437, -12.3313

Details

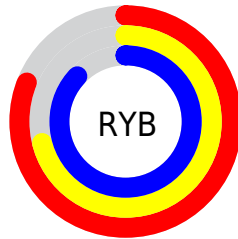
The YIQ color $193.7360, 1.4640, 17.5280$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.2640, -1.4640, -17.5280$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $139.9100, 0.9140, 16.4820$ is the 20% darker color. If you saturate the color by 10%, you get $178.1310, 2.1500, 27.1260$, and if you desaturate by 10%, it is $209.3410, 0.7780, 7.9300$.

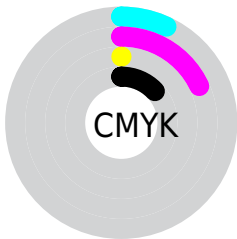
Distribution



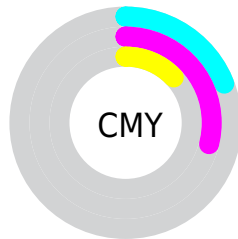
- Red (81%)
- Green (71%)
- Blue (87%)



- Red (81%)
- Yellow (71%)
- Blue (87%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.7360, 1.4640, 17.5280 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 193.7360, 1.4640, 17.5280 by changing the saturation by 10% instead.

■ 193.7360, 1.4640,
17.5280

■ 193.7360, 1.4640,
17.5280

■ 255.0000, -0.0000,
-0.0000

■ 166.3230, 1.1890,
17.0050

■ 245.0210, 4.6750,
8.8910

■ 140.2090, 1.5100,
16.6940

■ 114.3830, 0.9600,
15.6480

■ 89.9700, 0.6850,
15.1250

■ 66.4430, 0.7310,
14.2910

■ 44.0300, 0.4560,
13.7680

■ 22.5030, 0.5020,

12.9340

■ 2.7360, -7.7040,
7.4640

■ 0.0000, 0.0000,
0.0000

■ 193.7360, 1.4640,
17.5280

■ 193.7360, 1.4640,
17.5280

■ 178.1310, 2.1500,
27.1260

■ 209.3410, 0.7780,
7.9300

■ 162.5260, 2.8360,
36.7240

■ 224.9460, 0.0920,
-1.6680

■ 146.3340, 3.7970,
46.8450

■ 241.1380, -0.8690,
-11.7890

■ 131.0280, 5.0790,
56.6550

■ 247.0520, 2.2490,
-13.2310

■ 115.4230, 5.7650,
66.2530

■ 249.7430, 7.6130,
-11.3230

■ 99.8180, 6.4510,
75.8510

■ 251.2380, 10.5930,
-10.2630

■ 84.2130, 7.1370,
85.4490

■ 68.0210, 8.0980,
95.5700

■ 65.0750, 8.0060,
97.2380

Harmonies

Analogous

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



190.6130, -20.3590, 11.0410



193.7360, 1.4640, 17.5280



194.7290, 20.5370, 18.7850

Triad

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



193.7360, 1.4640, 17.5280



190.8770, 30.9030, -3.8890



181.7280, -40.7570, -15.7730

Complementary

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



193.7360, 1.4640, 17.5280



210.2640, -1.4640, -17.5280

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.



183.4170, -23.8840, -18.7000



193.7360, 1.4640, 17.5280



188.5930, 16.7830, -12.3130

Square

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



193.7360, 1.4640, 17.5280



192.9090, 37.0450, 5.9490



186.0790, -2.3810, -17.4290



182.7200, -46.3060, -8.8180

Rectangle

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



193.7360, 1.4640, 17.5280



193.9380, 30.0740, 16.6500



186.0790, -2.3810, -17.4290



182.0120, -35.8050, -17.4130

Sweetspot

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



193.7360, 1.4640, 17.5280



245.8740, 0.5950, 5.7390



195.9520, -17.2400, 4.0720



122.1080, -0.1840, 3.3360



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.



193.7360, 1.4640, 17.5280



215.5500, 2.2880, 24.6240



198.0640, 12.2840, 19.6760



104.3470, 0.6410, 4.9050



51.7580, 6.6800, 77.2080



14.1430, 1.8760, 21.0760

Inverse Universe

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



195.7840, 18.7040, 13.4560



218.2520, 26.3140, 18.7140



205.9360, -12.2840, -19.6760



104.7450, 5.2720, 3.5760



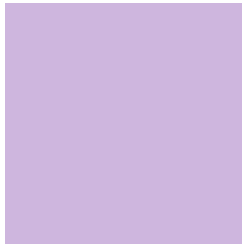
60.6040, 82.4260, 59.0820



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 193.7360, 1.4640, 17.5280 looks on a white background.

Color Contrast Check

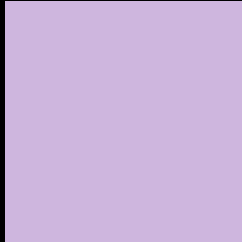
Large Text (above 18pt) WCAG AA × Fail

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 193.7360, 1.4640, 17.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

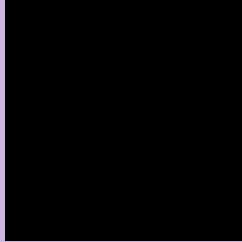
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.7360, 1.4640, 17.5280

Background



This preview shows how black text looks on a background with the YIQ color 193.7360, 1.4640, 17.5280.



This preview shows how white text looks on a background with the YIQ color 193.7360, 1.4640,

17.5280.

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

193.7360, 1.4640, 17.5280

Protanopia

191.5380, -15.7740, 10.5460

Deuteranopia

192.6810, -5.8710, 12.7930



Tritanopia

192.6790, 5.6380, 7.9580

Trichromacy



Original Color

193.7360, 1.4640, 17.5280

Protanomaly

191.9410, -9.5390, 13.1890

Deuteranomaly

193.2900, -3.2120, 14.1640

Tritanomaly

193.3030, 3.9410, 11.1810

Monochromacy



Original Color

193.7360, 1.4640, 17.5280

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.9880, 0.2740, 6.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.7360, 1.4640, 17.5280 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(206, 182, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 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(206, 182, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 222) }
```

Border

The CSS property to change the border of an element to YIQ 193.7360, 1.4640, 17.5280 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(206, 182, 222) }
```


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

```
.border{ border-color:rgb(206, 182, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 182, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 182, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 182, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 182,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 193.7360, 1.4640, 17.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 222) }
```

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

```
.background{ background-color: rgb(206,  
182, 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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