

Converting Colors

YIQ(195.5890, 6.5520, 24.4400)

Have a look what the booklet for
YIQ(195.5890, 6.5520, 24.4400)
contains.

YIQ(195.5890, 6.5520, 24.4400)	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(195.5890, 6.5520,
24.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B2E6
RGB	217, 178, 230
RGB Percent	85%, 70%, 90%
CMY	0.1489, 0.3020, 0.0980
CMYK	0.06, 0.23, 0.00, 0.10
HSL	285°, 51%, 80%
HSV	285°, 23%, 90%
XYZ	58.8243, 52.3039, 81.8555
YIQ	195.5890, 6.5520, 24.4400

Conversions

Conversions Part 2

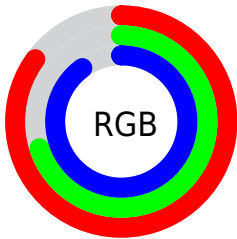
Format	Color
R _Y B	217, 178, 230
Decimal	14267110
CIE Lab	77.46, 23.24, -20.71
CIE LCh	77, 31.134, 318.294
Yxy	52.3039, 0.3048, 0.2710
Android (android.graphics.Color)	4292457190 (0xFFD9B2E6)
YUV	195.5890, 16.9646, 18.7774
Hunter-Lab	72.3214, 18.6247, -16.4812

Details

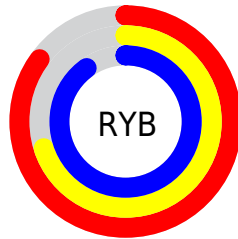
The YIQ color **195.5890, 6.5520, 24.4400** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **212.4110, -6.5520, -24.4400**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6730, 5.7750, 10.9830**, and **141.6490, 6.3230, 23.0830** is the 20% darker color. If you saturate the color by 10%, you get **180.2940, 9.3010, 35.1970**, and if you desaturate by 10%, it is **210.8840, 3.8030, 13.6830**.

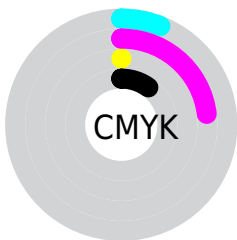
Distribution



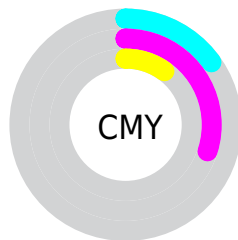
- Red (85%)
- Green (70%)
- Blue (90%)



- Red (85%)
- Yellow (70%)
- Blue (90%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.5890, 6.5520, 24.4400 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 195.5890, 6.5520, 24.4400 by changing the saturation by 10% instead.

■ 195.5890, 6.5520,
24.4400

■ 195.5890, 6.5520,
24.4400

255.0000, -0.0000,
-0.0000

■ 168.1760, 6.2770,
23.9170

■ 242.6730, 5.7750,
10.9830

■ 141.6490, 6.3230,
23.0830

■ 115.9370, 5.4520,
22.3480

■ 91.1110, 4.9020,
21.3020

■ 66.9970, 5.2230,
20.9910

■ 44.1710, 4.6730,
19.9450

■ 22.3450, 4.1230,

18.8990

■ 7.1930, -1.5610,
11.7750

■ 0.0000, 0.0000,
0.0000

■ 195.5890, 6.5520,
24.4400

■ 195.5890, 6.5520,
24.4400

■ 180.2940, 9.3010,
35.1970

■ 210.8840, 3.8030,
13.6830

■ 165.2980, 12.6460,
46.1660

■ 225.8800, 0.4580,
2.7140

■ 150.0030, 15.3950,
56.9230

■ 241.1750, -2.2910,
-8.0430

■ 134.7080, 18.1440,
67.6800

■ 247.6650, -0.9150,
-10.9550

■ 119.4130, 20.8930,
78.4370

■ 249.4590, 2.6610,
-9.6830

■ 104.4170, 24.2380,
89.4060

■ 250.9540, 5.6410,
-8.6230

■ 89.1220, 26.9870,
100.1630

■ 252.1500, 8.0250,
-7.7750

■ 77.9470, 29.2780,
108.2060

Harmonies

Analogous

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



192.2200, -23.3860, 16.3420



195.5890, 6.5520, 24.4400



195.6920, 31.1270, 25.1030

Triad

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



195.5890, 6.5520, 24.4400



190.9500, 37.8270, -8.2290



176.3170, -61.7090, -21.5250

Complementary

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



195.5890, 6.5520, 24.4400



212.4110, -6.5520, -24.4400

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.



180.1870, -38.0960, -25.4560



195.5890, 6.5520, 24.4400



187.9750, 18.3430, -18.5610

Square

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



195.5890, 6.5520, 24.4400



192.6560, 48.0030, 5.5950



184.0410, -8.3860, -24.2420



178.3030, -67.1210, -11.5450

Rectangle

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



195.5890, 6.5520, 24.4400



195.2170, 42.5900, 21.1020



184.0410, -8.3860, -24.2420



177.6720, -55.5190, -23.5750

Sweetspot

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



195.5890, 6.5520, 24.4400



243.2380, 2.5660, 8.5660



191.5590, -20.2670, 9.3730



120.6460, 1.2370, 5.1170



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.



195.5890, 6.5520, 24.4400



209.4140, 8.8430, 32.4830



197.9940, 18.4730, 23.1530



107.0590, 1.5120, 5.6400



60.4720, 22.4050, 84.0770



17.1760, 6.2770, 23.9170

Inverse Universe

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



195.0300, 26.8190, 15.0670



208.5690, 35.6670, 19.9150



210.0060, -18.4730, -23.1530



106.9300, 6.1890, 3.4770



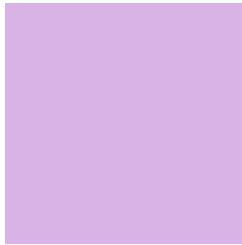
58.5370, 92.5600, 51.6320



16.7310, 26.2230, 14.8550

Previews

White Background



This preview shows how the YIQ color 195.5890, 6.5520, 24.4400 looks on a white background.

Color Contrast Check

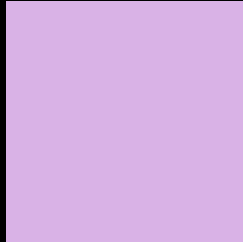
Large Text (above 18pt) WCAG AA × Fail

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 195.5890, 6.5520, 24.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

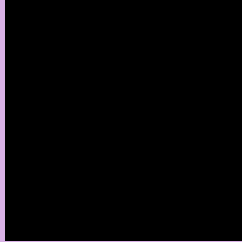
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.5890, 6.5520, 24.4400

Background



This preview shows how black text looks on a background with the YIQ color 195.5890, 6.5520, 24.4400.



This preview shows how white text looks on a background with the YIQ color 195.5890, 6.5520,

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

195.5890, 6.5520, 24.4400

Protanopia

192.4820, -21.3680, 12.8080

Deuteranopia

193.1690, -10.1810, 13.8110



Tritanopia

193.9680, 12.1940, 10.2900

Trichromacy



Original Color

195.5890, 6.5520, 24.4400

Protanomaly

193.6790, -11.5570, 16.7230

Deuteranomaly

194.2130, -4.3130, 17.5990

Tritanomaly

194.7600, 10.0840, 15.4920

Monochromacy



Original Color

195.5890, 6.5520, 24.4400

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.6510, 2.8410, 9.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.5890, 6.5520, 24.4400 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(217, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 178, 230)  
}
```

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(217, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 230) }
```

Border

The CSS property to change the border of an element to YIQ 195.5890, 6.5520, 24.4400 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(217, 178, 230) }
```


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

```
.border{ border-color:rgb(217, 178, 230) }
```

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

Here you see how a box with a 4 pixel rgb(217, 178, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 178, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 178, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 178,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 195.5890, 6.5520, 24.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 178, 230) }
```

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

```
.background{ background-color: rgb(217,  
178, 230) }
```

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