

Converting Colors

YIQ(194.5610, 3.7550, 25.5710)

Have a look what the booklet for
YIQ(194.5610, 3.7550, 25.5710)
contains.

YIQ(194.5610, 3.7550, 25.5710)	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(194.5610, 3.7550,
25.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B1EA
RGB	214, 177, 234
RGB Percent	84%, 69%, 92%
CMY	0.1607, 0.3059, 0.0824
CMYK	0.09, 0.24, 0.00, 0.08
HSL	279°, 58%, 81%
HSV	279°, 24%, 92%
XYZ	58.3101, 51.6792, 84.7381
YIQ	194.5610, 3.7550, 25.5710

Conversions

Conversions Part 2

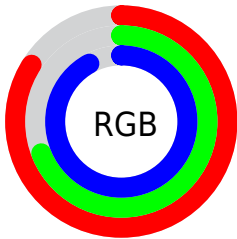
Format	Color
R _Y B	214, 177, 234
Decimal	14070250
CIE Lab	77.09, 23.61, -23.47
CIE LCh	77, 33.288, 315.171
Yxy	51.6792, 0.2994, 0.2654
Android (android.graphics.Color)	4292260330 (0xFFD6B1EA)
YUV	194.5610, 19.4434, 17.0480
Hunter-Lab	71.8882, 18.9807, -19.5662

Details

The YIQ color $194.5610, 3.7550, 25.5710$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $216.4390, -3.7550, -25.5710$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $140.6210, 3.5260, 24.2140$ is the 20% darker color. If you saturate the color by 10%, you get $178.6680, 5.3120, 35.9040$, and if you desaturate by 10%, it is $210.4540, 2.1980, 15.2380$.

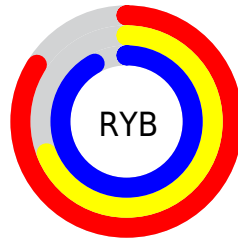
Distribution



Red (84%)

Green (69%)

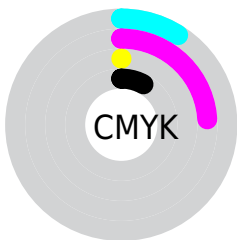
Blue (92%)



Red (84%)

Yellow (69%)

Blue (92%)

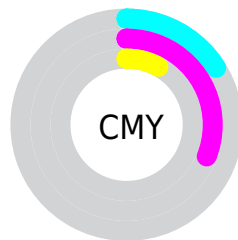


Cyan (9%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (16%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.5610, 3.7550, 25.5710 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 194.5610, 3.7550, 25.5710 by changing the saturation by 10% instead.

■ 194.5610, 3.7550,
25.5710

■ 194.5610, 3.7550,
25.5710

255.0000, -0.0000,
-0.0000

■ 167.1480, 3.4800,
25.0480

■ 242.0860, 6.0500,
11.5060

■ 140.6210, 3.5260,
24.2140

■ 114.7950, 2.9760,
23.1680

■ 90.2680, 3.0220,
22.3340

■ 66.4420, 2.4720,
21.2880

■ 43.6160, 1.9220,
20.2420

■ 21.2030, 1.6470,

19.7190

■ 5.7410, -6.1000,
11.4360

■ 0.3420, -0.9630,
0.9330

■ 194.5610, 3.7550,
25.5710

■ 194.5610, 3.7550,
25.5710

■ 178.6680, 5.3120,
35.9040

■ 210.4540, 2.1980,
15.2380

■ 162.1880, 7.1440,
46.7600

■ 226.9340, 0.3660,
4.3820

■ 145.9960, 8.1050,
56.8810

■ 243.1260, -0.5950,
-5.7390

■ 129.5160, 9.9370,
67.7370

■ 250.2140, 1.9730,
-8.2270

■ 113.6230, 11.4940,
78.0700

■ 252.6060, 6.7410,
-6.5310

■ 97.7300, 13.0510,
88.4030

■ 81.2500, 14.8830,
99.2590

■ 72.1240, 15.4780,
104.9980

Harmonies

Analogous

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



190.5830, -28.8420, 16.1020



194.5610, 3.7550, 25.5710



195.1590, 31.3100, 27.2940

Triad

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



194.5610, 3.7550, 25.5710



189.9290, 42.3200, -7.0560



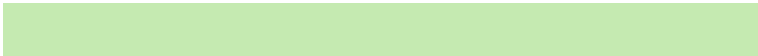
173.5830, -65.5140, -24.1540

Complementary

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



194.5610, 3.7550, 25.5710



216.4390, -3.7550, -25.5710

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.



178.1330, -38.0040, -27.1240



194.5610, 3.7550, 25.5710



186.7150, 22.0110, -18.9570

Square

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



194.5610, 3.7550, 25.5710



191.9770, 51.5330, 7.7010



182.7700, -6.1850, -25.5850



174.7040, -75.7400, -15.0360

Rectangle

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



194.5610, 3.7550, 25.5710



193.9830, 43.3690, 23.5050



182.7700, -6.1850, -25.5850



174.8350, -57.5360, -25.5680

Sweetspot

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



194.5610, 3.7550, 25.5710



242.6400, 1.3740, 8.1420



195.8250, -24.0720, 6.7440



120.3470, 0.6410, 4.9050



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.



194.5610, 3.7550, 25.5710



203.7880, 4.8540, 33.1900



199.6290, 18.2430, 27.3230



109.3470, 0.6410, 4.9050



55.9160, 12.2270, 81.3070



16.6210, 3.5260, 24.2140

Inverse Universe

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



196.3230, 27.5520, 18.3040



206.0900, 35.7580, 23.7740



211.3710, -18.2430, -27.3230



109.7450, 5.2720, 3.5760



61.3010, 87.6530, 57.9650



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 194.5610, 3.7550, 25.5710 looks on a white background.

Color Contrast Check

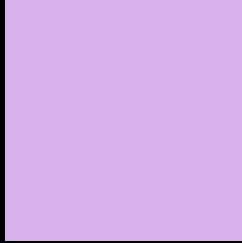
Large Text (above 18pt) WCAG AA × Fail

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 194.5610, 3.7550, 25.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

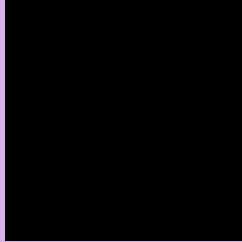
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.5610, 3.7550, 25.5710

Background



This preview shows how black text looks on a background with the YIQ color 194.5610, 3.7550, 25.5710.



This preview shows how white text looks on a background with the YIQ color 194.5610, 3.7550,

25.5710.

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

194.5610, 3.7550, 25.5710

Protanopia

190.8670, -23.8900, 14.4620

Deuteranopia

191.8420, -13.5740, 14.7300



Tritanopia

192.7720, 9.8100, 9.4420

Trichromacy



Original Color

194.5610, 3.7550, 25.5710

Protanomaly

192.0640, -14.0790, 18.3770

Deuteranomaly

192.8860, -7.7060, 18.5180

Tritanomaly

193.0910, 7.6540, 15.4780

Monochromacy



Original Color

194.5610, 3.7550, 25.5710

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.5800, 1.6030, 9.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.5610, 3.7550, 25.5710 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(214, 177, 234)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 234)  
}
```

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(214, 177, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 234) }
```

Border

The CSS property to change the border of an element to YIQ 194.5610, 3.7550, 25.5710 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(214, 177, 234) }
```


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

```
.border{ border-color:rgb(214, 177, 234) }
```

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

Here you see how a box with a 4 pixel rgb(214, 177, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 234);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 194.5610, 3.7550, 25.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 234) }
```

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

```
.background{ background-color: rgb(214,  
177, 234) }
```

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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