

Converting Colors

YIQ(195.2710, 16.1350, 21.4710)

Have a look what the booklet for
YIQ(195.2710, 16.1350, 21.4710)
contains.

YIQ(195.2710, 16.1350, 21.4710)	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(195.2710, 16.1350,
21.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B1D6
RGB	224, 177, 214
RGB Percent	88%, 69%, 84%
CMY	0.1214, 0.3059, 0.1607
CMYK	0.00, 0.21, 0.04, 0.12
HSL	313°, 43%, 79%
HSV	313°, 21%, 88%
XYZ	58.6081, 52.1448, 70.6003
YIQ	195.2710, 16.1350, 21.4710

Conversions

Conversions Part 2

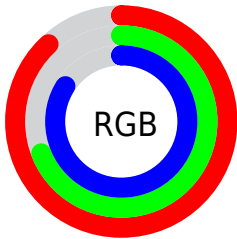
Format	Color
R_{YB}	224, 177, 214
Decimal	14725590
CIE _{Lab}	77.37, 23.13, -12.13
CIE _{LCh}	77, 26.117, 332.330
Yxy	52.1448, 0.3232, 0.2875
Android (android.graphics.Color)	4292915670 (0xFFE0B1D6)
YUV	195.2710, 9.2334, 25.1953
Hunter-Lab	72.2114, 18.5042, -7.4193

Details

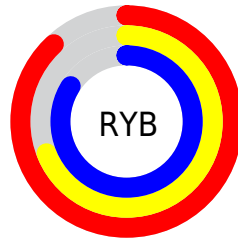
The YIQ color **195.2710, 16.1350, 21.4710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.7290, -16.1350, -21.4710**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.0500, 11.5060**, and **141.1460, 14.9890, 20.2130** is the 20% darker color. If you saturate the color by 10%, you get **181.7870, 23.7900, 31.4220**, and if you desaturate by 10%, it is **208.7550, 8.4800, 11.5200**.

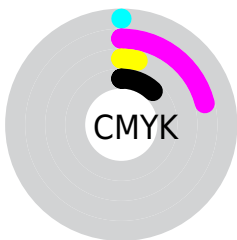
Distribution



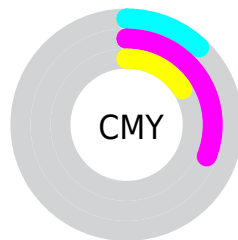
- Red (88%)
- Green (69%)
- Blue (84%)



- Red (88%)
- Yellow (69%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.2710, 16.1350, 21.4710 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 195.2710, 16.1350, 21.4710 by changing the saturation by 10% instead.

■ 195.2710, 16.1350,
21.4710

■ 195.2710, 16.1350,
21.4710

255.0000, -0.0000,
-0.0000

■ 167.8580, 15.8600,
20.9480

■ 242.0860, 6.0500,
11.5060

■ 141.1460, 14.9890,
20.2130

■ 115.7330, 14.7140,
19.6900

■ 91.0210, 13.8430,
18.9550

■ 66.7220, 13.2470,
18.7430

■ 43.5970, 12.1010,
17.4850

■ 21.4120, 11.1840,

17.5840

■ 7.6190, 5.8670,
9.3150

■ 0.0000, 0.0000,
0.0000

■ 195.2710, 16.1350,
21.4710

■ 195.2710, 16.1350,
21.4710

■ 181.7870, 23.7900,
31.4220

■ 208.7550, 8.4800,
11.5200

■ 167.7160, 31.7200,
41.8960

■ 222.8260, 0.5500,
1.0460

■ 154.3460, 39.0540,
52.1580

■ 236.1960, -6.7840,
-9.2160

■ 140.2750, 46.9840,
62.6320

■ 243.2230,
-11.4140, -13.4140

126.7910, 54.6390,
72.5830

243.7930,
-13.0190, -11.8590

113.3070, 62.2940,
82.5340

244.3630,
-14.6240, -10.3040

99.3500, 69.9030,
93.3190

244.8190,
-15.9080, -9.0600

87.0400, 77.0080,
102.2240

245.3890,
-17.5130, -7.5050

245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



193.3590, -7.6600, 17.6840



195.2710, 16.1350, 21.4710



195.2590, 33.6040, 18.7560

Triad

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



195.2710, 16.1350, 21.4710



189.7250, 25.2190, -11.0130



180.5510, -53.3200, -13.8640

Complementary

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



195.2710, 16.1350, 21.4710



205.7290, -16.1350, -21.4710

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.



181.0930, -40.5270, -19.9430



195.2710, 16.1350, 21.4710



186.8580, 5.5510, -18.0090

Square

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



195.2710, 16.1350, 21.4710



191.9920, 38.0090, -0.5110



184.0600, -18.5650, -21.4850



184.0280, -49.9290, -3.7290

Rectangle

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



195.2710, 16.1350, 21.4710



194.0330, 39.9320, 14.2040



184.0600, -18.5650, -21.4850



180.6390, -50.7520, -16.3520

Sweetspot

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



195.2710, 16.1350, 21.4710



245.8530, 5.0880, 6.9120



185.0490, -9.7230, 16.5250



122.4890, 3.1170, 4.0850



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.



195.2710, 16.1350, 21.4710



215.8360, 22.0940, 29.1180



192.6490, 23.5180, 14.3180



105.3150, 3.6670, 5.1310



68.3560, 60.5980, 80.2300



18.6840, 16.4100, 21.9940

Inverse Universe

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



195.2710, 16.1350, 21.4710



215.8360, 22.0940, 29.1180



208.3510, -23.5180, -14.3180



105.3150, 3.6670, 5.1310



68.3560, 60.5980, 80.2300



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 195.2710, 16.1350, 21.4710 looks on a white background.

Color Contrast Check

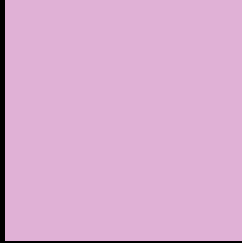
Large Text (above 18pt) WCAG AA × Fail

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 195.2710, 16.1350, 21.4710 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 195.2710, 16.1350, 21.4710

Background



This preview shows how black text looks on a background with the YIQ color 195.2710, 16.1350, 21.4710.



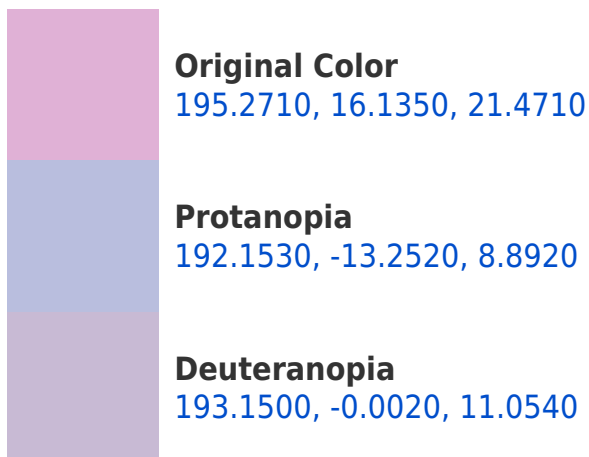
This preview shows how white text looks on a background with the YIQ color 195.2710, 16.1350,

21.4710.

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





Tritanopia

193.8550, 19.9420, 13.0460

Trichromacy



Original Color

195.2710, 16.1350, 21.4710

Protanomaly

193.0620, -2.5700, 13.5420

Deuteranomaly

194.1940, 5.8660, 14.8420

Tritanomaly

194.3650, 18.5660, 15.9580

Monochromacy



Original Color

195.2710, 16.1350, 21.4710

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9780, 6.2340, 8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2710, 16.1350, 21.4710 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(224, 177, 214)` looks like.

```
.text, #text, p{  
    color:rgb(224, 177, 214)  
}
```

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(224, 177, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 177, 214) }
```

Border

The CSS property to change the border of an element to YIQ 195.2710, 16.1350, 21.4710 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(224, 177, 214) }
```


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

```
.border{ border-color:rgb(224, 177, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 177, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 177, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 177, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 177,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2710, 16.1350, 21.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 177, 214) }
```

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

```
.background{ background-color: rgb(224,  
177, 214) }
```

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