

Converting Colors

YIQ(210.4790, 1.0500, 25.0340)

Have a look what the booklet for
YIQ(210.4790, 1.0500, 25.0340)
contains.

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Color

**YIQ(210.4790, 1.0500,
25.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C2FC
RGB	227, 194, 252
RGB Percent	89%, 76%, 99%
CMY	0.1097, 0.2393, 0.0118
CMYK	0.10, 0.23, 0.00, 0.01
HSL	274°, 91%, 87%
HSV	274°, 23%, 99%
XYZ	68.5455, 61.9407, 100.4298
YIQ	210.4790, 1.0500, 25.0340

Conversions

Conversions Part 2

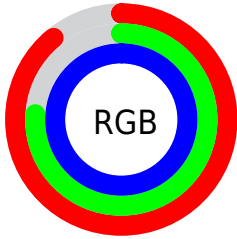
Format	Color
R_{YB}	227, 194, 252
Decimal	14926588
CIE _{Lab}	82.88, 22.17, -24.20
CIE _{LCh}	83, 32.818, 312.494
Yxy	61.9407, 0.2968, 0.2682
Android (android.graphics.Color)	4293116668 (0xFFE3C2FC)
YUV	210.4790, 20.4699, 14.4889
Hunter-Lab	78.7024, 17.7346, -20.5665

Details

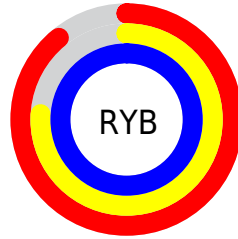
The YIQ color $210.4790, 1.0500, 25.0340$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $235.5210, -1.0500, -25.0340$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $155.5390, 0.8210, 23.6770$ is the 20% darker color. If you saturate the color by 10%, you get $192.5150, 1.3690, 35.7770$, and if you desaturate by 10%, it is $228.4430, 0.7310, 14.2910$.

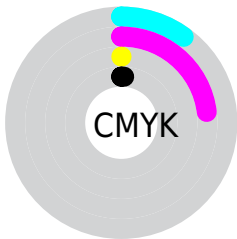
Distribution



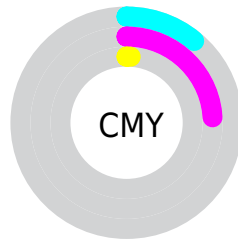
- Red (89%)
- Green (76%)
- Blue (99%)



- Red (89%)
- Yellow (76%)
- Blue (99%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.4790, 1.0500, 25.0340 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 210.4790, 1.0500, 25.0340 by changing the saturation by 10% instead.

210.4790, 1.0500,
25.0340

210.4790, 1.0500,
25.0340

255.0000, -0.0000,
-0.0000

182.9520, 1.0960,
24.2000

252.6520, 1.1000,
2.0920

155.5390, 0.8210,
23.6770

129.7130, 0.2710,
22.6310

104.1860, 0.3170,
21.7970

79.7730, 0.0420,
21.2740

56.2460, 0.0880,
20.4400

34.0070, -0.7370,

18.8710

■ 12.9040, 1.0510,
19.5070

■ 3.2090, -7.6580,
6.6300

■ 210.4790, 1.0500,
25.0340

■ 210.4790, 1.0500,
25.0340

■ 192.5150, 1.3690,
35.7770

■ 228.4430, 0.7310,
14.2910

■ 174.5510, 1.6880,
46.5200

■ 246.4070, 0.4120,
3.5480

■ 156.0000, 2.2820,
57.7860

■ 254.6580, 0.9630,
-0.9330

■ 138.3350, 3.1970,
68.7410

■ 120.3710, 3.5160,
79.4840

■ 102.4070, 3.8350,
90.2270

■ 84.4430, 4.1540,
100.9700

■ 71.7840, 4.9320,
108.9000

Harmonies

Analogous

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



205.0190, -27.3740, 11.5220



210.4790, 1.0500, 25.0340



211.1910, 28.2840, 27.0680

Triad

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



210.4790, 1.0500, 25.0340



206.0540, 43.4660, -5.7980



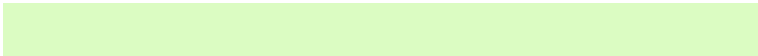
191.4370, -62.1670, -24.2390

Complementary

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



210.4790, 1.0500, 25.0340



235.5210, -1.0500, -25.0340

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.



194.9870, -34.6570, -27.2090



210.4790, 1.0500, 25.0340



203.6120, 23.7990, -18.3210

Square

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



210.4790, 1.0500, 25.0340



206.1120, 46.7190, 6.8390



199.7380, -3.1590, -25.3590



191.6720, -72.7140, -14.8100

Rectangle

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



210.4790, 1.0500, 25.0340



207.6230, 35.5750, 21.5830



199.7380, -3.1590, -25.3590



192.5750, -53.8680, -25.9640

Sweetspot

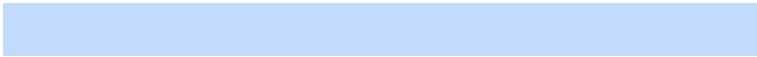
The Sweet Spot groups the original color and five complimentary colors.



210.4790, 1.0500, 25.0340



242.0420, 0.1820, 7.7180



215.2870, -25.4930, 4.9630



120.0480, 0.0450, 4.6930



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.



210.4790, 1.0500, 25.0340



204.0540, 1.0490, 30.5610



217.4980, 17.2340, 29.0900



115.8740, 0.5950, 5.7390



53.5390, 3.1030, 81.4630



17.4190, 1.2790, 26.3910

Inverse Universe

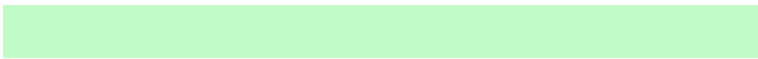
The Inverse Universe completely reimagines the original color for something new.



214.1920, 26.5430, 20.0710



208.6490, 32.6860, 24.3820



228.5020, -17.2340, -29.0900



116.5710, 5.8220, 4.6220



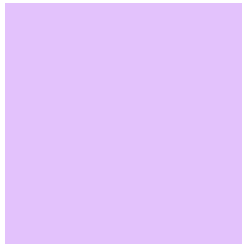
65.7450, 86.6430, 65.2590



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 210.4790, 1.0500, 25.0340 looks on a white background.

Color Contrast Check

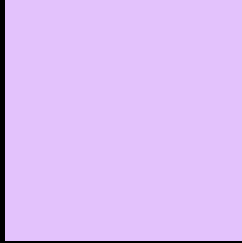
Large Text (above 18pt) WCAG AA × Fail

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 210.4790, 1.0500, 25.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

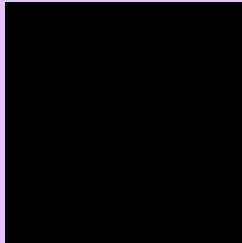
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.4790, 1.0500, 25.0340

Background



This preview shows how black text looks on a background with the YIQ color 210.4790, 1.0500, 25.0340.



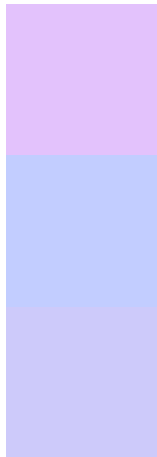
This preview shows how white text looks on a background with the YIQ color 210.4790, 1.0500,

25.0340.

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

210.4790, 1.0500, 25.0340

Protanopia

207.4110, -22.6060, 13.2180

Deuteranopia

208.3690, -13.6200, 15.5640



Tritanopia

208.1030, 7.3800, 9.4280

Trichromacy



Original Color

210.4790, 1.0500, 25.0340

Protanomaly

208.5370, -14.0330, 17.5430

Deuteranomaly

209.1140, -8.3480, 19.1400

Tritanomaly

209.0090, 4.9490, 14.9410

Monochromacy



Original Color

210.4790, 1.0500, 25.0340

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9820, 0.4110, 9.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.4790, 1.0500, 25.0340 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(227, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 252)  
}
```

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(227, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 252) }
```

Border

The CSS property to change the border of an element to YIQ 210.4790, 1.0500, 25.0340 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(227, 194, 252) }
```


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

```
.border{ border-color:rgb(227, 194, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 194, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 194,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 210.4790, 1.0500, 25.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 252) }
```

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

```
.background{ background-color: rgb(227,  
194, 252) }
```

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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