

Converting Colors

YIQ(199.7520, 21.7300, 13.6820)

Have a look what the booklet for
YIQ(199.7520, 21.7300, 13.6820)
contains.

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Color

**YIQ(199.7520, 21.7300,
13.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B9C7
RGB	229, 185, 199
RGB Percent	90%, 73%, 78%
CMY	0.1018, 0.2746, 0.2195
CMYK	0.00, 0.19, 0.13, 0.10
HSL	341°, 46%, 81%
HSV	341°, 19%, 90%
XYZ	59.9785, 55.4774, 61.5915
YIQ	199.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

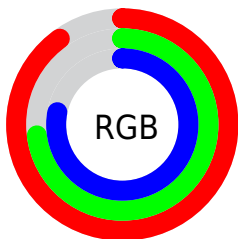
Format	Color
R _Y B	229, 185, 199
Decimal	15055303
CIE Lab	79.32, 18.02, -1.07
CIE LCh	79, 18.056, 356.607
Yxy	55.4774, 0.3388, 0.3133
Android (android.graphics.Color)	4293245383 (0xFFE5B9C7)
YUV	199.7520, -0.3707, 25.6505
Hunter-Lab	74.4831, 13.3938, 3.1102

Details

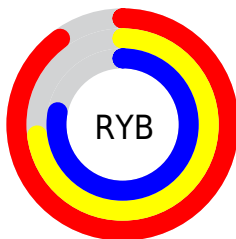
The YIQ color $199.7520, 21.7300, 13.6820$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $214.2480, -21.7300, -13.6820$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.7820, 3.8500, 7.3220$, and $145.7410, 20.2630, 12.7350$ is the 20% darker color. If you saturate the color by 10%, you get $184.4270, 33.1910, 20.7350$, and if you desaturate by 10%, it is $215.0770, 10.2690, 6.6290$.

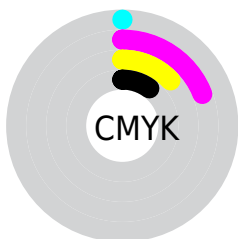
Distribution



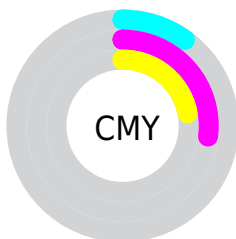
- Red (90%)
- Green (73%)
- Blue (78%)



- Red (90%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.7520, 21.7300, 13.6820 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 199.7520, 21.7300, 13.6820 by changing the saturation by 10% instead.


 199.7520, 21.7300,
13.6820


 199.7520, 21.7300,
13.6820


255.0000, -0.0000,
-0.0000


 172.4530, 21.1340,
13.4700


 246.7820, 3.8500,
7.3220

 145.7410, 20.2630,
12.7350

 119.5560, 19.3460,
12.8340

 94.8440, 18.4750,
12.0990

 71.1320, 17.6040,
11.3640

 47.6480, 16.0910,
11.2510

 26.0500, 14.8990,

10.8270

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 199.7520, 21.7300,
13.6820

■ 199.7520, 21.7300,
13.6820

■ 184.4270, 33.1910,
20.7350

■ 215.0770, 10.2690,
6.6290

■ 169.2160, 44.3310,
28.0990

■ 230.2880, -0.8710,
-0.7350

■ 153.8910, 55.7920,
35.1520

■ 245.6130,
-12.3320, -7.7880

■ 138.6800, 66.9320,
42.5160

■ 247.2260,
-15.4960, -5.5120

■ 123.3550, 78.3930,
49.5690

■ 108.6170, 89.5790,
56.0990

■ 93.4060, 100.7190,
63.4630

■ 78.0810, 112.1800,
70.5160

■ 76.7930, 113.0510,
71.2510

Harmonies

Analogous

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



199.7490, 8.6170, 14.5450



199.7520, 21.7300, 13.6820



199.2980, 28.7000, 8.5080

Triad

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



199.7520, 21.7300, 13.6820



194.0310, 6.7420, -12.0580



191.9390, -33.5610, -3.0090

Complementary

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



199.7520, 21.7300, 13.6820



214.2480, -21.7300, -13.6820

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.



190.4240, -33.7890, -9.8930



199.7520, 21.7300, 13.6820



192.0660, -9.5340, -14.4460

Square

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



199.7520, 21.7300, 13.6820



196.4350, 20.4040, -6.3480



190.5790, -24.1600, -13.6960



195.3580, -24.2550, 4.5530

Rectangle

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



199.7520, 21.7300, 13.6820



198.5490, 29.2510, 4.0270



190.5790, -24.1600, -13.6960



191.1730, -34.3400, -5.4120

Sweetspot

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



199.7520, 21.7300, 13.6820



245.0550, 7.3350, 4.7350



198.6870, 3.1600, 19.8320



121.9190, 4.7220, 2.5300



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.



199.7520, 21.7300, 13.6820



215.8070, 29.0650, 18.4170



202.2650, 24.2990, 5.6670



107.0440, 5.8680, 3.7880



60.0190, 88.3870, 55.6750



17.0730, 25.2600, 15.7880

Inverse Universe

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



199.7520, 21.7300, 13.6820



215.8070, 29.0650, 18.4170



211.7350, -24.2990, -5.6670



107.0440, 5.8680, 3.7880



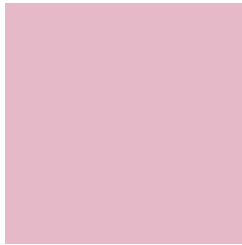
60.0190, 88.3870, 55.6750



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 199.7520, 21.7300, 13.6820 looks on a white background.

Color Contrast Check

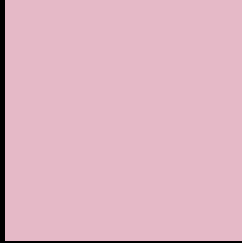
Large Text (above 18pt) WCAG AA × Fail

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 199.7520, 21.7300, 13.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

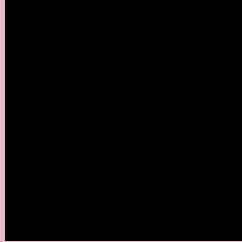
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.7520, 21.7300, 13.6820

Background



This preview shows how black text looks on a background with the YIQ color 199.7520, 21.7300, 13.6820.



This preview shows how white text looks on a background with the YIQ color 199.7520, 21.7300,

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

199.7520, 21.7300, 13.6820

Protanopia

197.6240, -1.6970, 3.2230

Deuteranopia

198.3870, 12.3320, 7.7880



Tritanopia

199.7520, 21.7300, 13.6820

Trichromacy



Original Color

199.7520, 21.7300, 13.6820

Protanomaly

198.3370, 6.6010, 7.0250

Deuteranomaly

198.7080, 15.8620, 9.8940

Tritanomaly

199.7520, 21.7300, 13.6820

Monochromacy



Original Color

199.7520, 21.7300, 13.6820

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.3540, 7.9310, 4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7520, 21.7300, 13.6820 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(229, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(229, 185, 199)  
}
```

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(229, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 185, 199) }
```

Border

The CSS property to change the border of an element to YIQ 199.7520, 21.7300, 13.6820 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(229, 185, 199) }
```


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

```
.border{ border-color:rgb(229, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(229, 185,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7520, 21.7300, 13.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 185, 199) }
```

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

```
.background{ background-color: rgb(229,  
185, 199) }
```

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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