

Converting Colors

YIQ(220.5750, 18.3350, 25.6550)

Have a look what the booklet for
YIQ(220.5750, 18.3350, 25.6550)
contains.

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Color

**YIQ(220.5750, 18.3350,
25.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC7F4
RGB	254, 199, 244
RGB Percent	100%, 78%, 96%
CMY	0.0038, 0.2197, 0.0431
CMYK	0.00, 0.22, 0.04, 0.00
HSL	311°, 97%, 89%
HSV	311°, 22%, 100%
XYZ	77.6366, 68.4470, 94.7153
YIQ	220.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

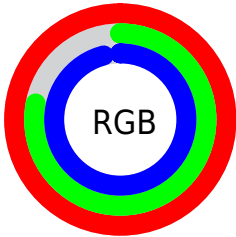
Format	Color
RYB	254, 199, 244
Decimal	16697332
CIELab	86.23, 26.75, -14.66
CIELCh	86, 30.501, 331.269
Yxy	68.4470, 0.3224, 0.2842
Android (android.graphics.Color)	4294887412 (0xFFFE7F4)
YUV	220.5750, 11.5485, 29.3137
Hunter-Lab	82.7327, 22.7227, -9.9644

Details

The YIQ color $220.5750, 18.3350, 25.6550$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.4250, -18.3350, -25.6550$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.4500, 17.1890, 24.3970$ is the 20% darker color. If you saturate the color by 10%, you get $205.3300, 26.8150, 37.1750$, and if you desaturate by 10%, it is $235.8200, 9.8550, 14.1350$.

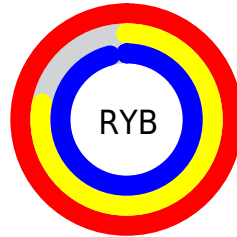
Distribution



Red (100%)

Green (78%)

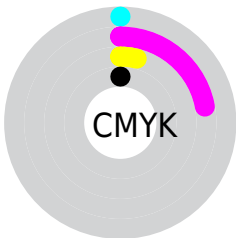
Blue (96%)



Red (100%)

Yellow (78%)

Blue (96%)

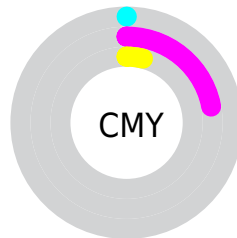


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 220.5750, 18.3350, 25.6550 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 220.5750, 18.3350, 25.6550 by changing the saturation by 10% instead.


 220.5750, 18.3350,
25.6550


 220.5750, 18.3350,
25.6550


255.0000, -0.0000,
-0.0000


 192.2760, 17.7390,
25.4430

 165.4500, 17.1890,
24.3970

 138.7380, 16.3180,
23.6620

 112.9120, 15.7680,
22.6160

 87.6130, 15.1720,
22.4040

 63.9010, 14.3010,
21.6690

 40.4880, 14.0260,

21.1460

■ 18.0040, 12.5130,
21.0330

■ 7.1350, 4.3540,
9.2020

■ 220.5750, 18.3350,
25.6550

■ 220.5750, 18.3350,
25.6550

■ 205.3300, 26.8150,
37.1750

■ 235.8200, 9.8550,
14.1350

■ 189.6120, 35.2490,
49.5290

■ 251.5380, 1.4210,
1.7810

■ 174.3670, 43.7290,
61.0490

254.7010, -0.5960,
-0.2120

■ 158.5350, 52.4840,
73.0920

■ 143.4040, 60.6430,
84.9230

■ 128.1590, 69.1230,
96.4430

■ 112.4410, 77.5570,
108.7970

■ 99.6580, 84.6160,
118.5360

Harmonies

Analogous

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



217.5440, -6.7430, 17.5850



220.5750, 18.3350, 25.6550



215.3340, 29.0190, 19.2510

Triad

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



220.5750, 18.3350, 25.6550



214.1940, 31.0880, -12.7520



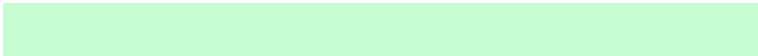
202.3970, -64.6900, -17.0580

Complementary

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



220.5750, 18.3350, 25.6550



232.4250, -18.3350, -25.6550

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.



203.2660, -48.5040, -24.0560



220.5750, 18.3350, 25.6550



210.8210, 6.9730, -21.7550

Square

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



220.5750, 18.3350, 25.6550



215.5040, 42.3190, -1.5290



206.8700, -21.0860, -25.3580



205.0870, -57.5850, -8.1530

Rectangle

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



220.5750, 18.3350, 25.6550



213.6410, 35.1640, 12.5080



206.8700, -21.0860, -25.3580



202.2570, -61.4800, -20.1680

Sweetspot

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



220.5750, 18.3350, 25.6550



244.0920, 5.9130, 8.4810



207.9610, -12.2910, 19.0130



121.3150, 3.6670, 5.1310



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.



220.5750, 18.3350, 25.6550



214.8900, 22.0020, 30.7860



217.4970, 27.0020, 17.2580



120.0270, 4.5380, 5.8660



74.8930, 63.7600, 89.0080



25.0640, 21.4520, 29.7400

Inverse Universe

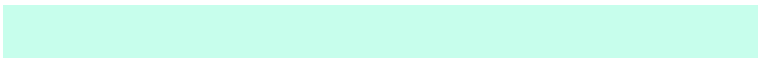
The Inverse Universe completely reimagines the original color for something new.



220.5750, 18.3350, 25.6550



214.8900, 22.0020, 30.7860



235.5030, -27.0020, -17.2580



120.0270, 4.5380, 5.8660



74.8930, 63.7600, 89.0080



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 220.5750, 18.3350, 25.6550 looks on a white background.

Color Contrast Check

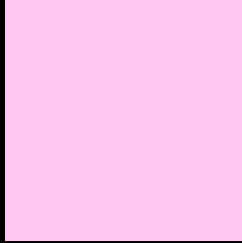
Large Text (above 18pt) WCAG AA × Fail

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 220.5750, 18.3350, 25.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

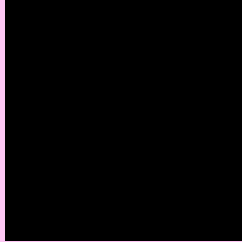
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.5750, 18.3350, 25.6550

Background



This preview shows how black text looks on a background with the YIQ color 220.5750, 18.3350, 25.6550.



This preview shows how white text looks on a background with the YIQ color 220.5750, 18.3350,

25.6550.

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

220.5750, 18.3350, 25.6550

Protanopia

216.7660, -16.4160, 11.1680

Deuteranopia

218.1330, -1.3320, 13.1320



Tritanopia

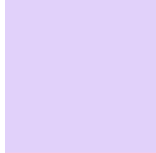
219.1760, 23.4720, 15.1520

Trichromacy



Original Color

220.5750, 18.3350, 25.6550



Protanomaly

218.4580, -3.6250, 16.1430



Deuteranomaly

219.1880, 6.0030, 17.8670



Tritanomaly

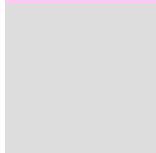
219.9140, 21.4540, 18.6860

Monochromacy



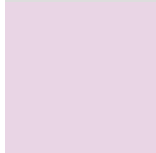
Original Color

220.5750, 18.3350, 25.6550



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.5750, 18.3350, 25.6550 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(254, 199, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 244)  
}
```

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(254, 199, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 244) }
```

Border

The CSS property to change the border of an element to YIQ 220.5750, 18.3350, 25.6550 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(254, 199, 244) }
```


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

```
.border{ border-color:rgb(254, 199, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 220.5750, 18.3350, 25.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 244) }
```

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

```
.background{ background-color: rgb(254,  
199, 244) }
```

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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