

Converting Colors

YIQ(211.6450, 12.1460, 22.1780)

Have a look what the booklet for
YIQ(211.6450, 12.1460, 22.1780)
contains.

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Color

**YIQ(211.6450, 12.1460,
22.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC2EC
RGB	237, 194, 236
RGB Percent	93%, 76%, 93%
CMY	0.0705, 0.2393, 0.0745
CMYK	0.00, 0.18, 0.00, 0.07
HSL	301°, 55%, 85%
HSV	301°, 18%, 93%
XYZ	69.3647, 62.6421, 87.7951
YIQ	211.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

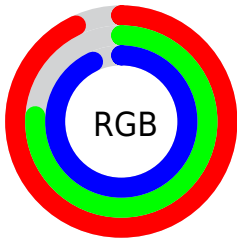
Format	Color
R _{YB}	237, 194, 236
Decimal	15581932
CIE Lab	83.25, 22.35, -15.02
CIE LCh	83, 26.927, 326.084
Yxy	62.6421, 0.3156, 0.2850
Android (android.graphics.Color)	4293772012 (0xFFEDC2EC)
YUV	211.6450, 12.0070, 22.2363
Hunter-Lab	79.1468, 17.9316, -10.3659

Details

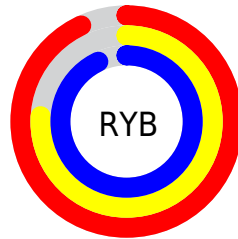
The YIQ color $211.6450, 12.1460, 22.1780$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $219.3550, -12.1460, -22.1780$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $156.8190, 11.5960, 21.1320$ is the 20% darker color. If you saturate the color by 10%, you get $197.4430, 19.0670, 34.4190$, and if you desaturate by 10%, it is $225.8470, 5.2250, 9.9370$.

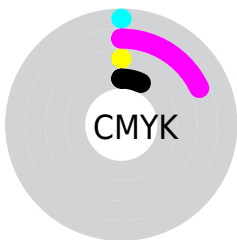
Distribution



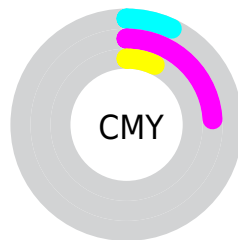
- Red (93%)
- Green (76%)
- Blue (93%)



- Red (93%)
- Yellow (76%)
- Blue (93%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.6450, 12.1460, 22.1780 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 211.6450, 12.1460, 22.1780 by changing the saturation by 10% instead.


 211.6450, 12.1460,
22.1780


 211.6450, 12.1460,
22.1780


255.0000, -0.0000,
-0.0000


 184.2320, 11.8710,
21.6550

 252.6520, 1.1000,
2.0920

 156.8190, 11.5960,
21.1320

 130.4060, 11.3210,
20.6090

 105.2810, 10.1750,
19.3510

 80.8680, 9.9000,
18.8280

 57.4550, 9.6250,
18.3050

 34.7430, 8.7540,

17.5700

■ 14.0420, 9.3500,
17.7820

■ 0.9120, -2.5680,
2.4880

■ 211.6450, 12.1460,
22.1780

■ 211.6450, 12.1460,
22.1780

■ 197.4430, 19.0670,
34.4190

■ 225.8470, 5.2250,
9.9370

■ 183.9420, 25.3920,
46.4480

■ 239.3480, -1.1000,
-2.0920

■ 169.7400, 32.3130,
58.6890

■ 247.6800, -5.2710,
-9.1030

■ 155.6520, 38.9130,
71.2410

■ 247.7940, -5.5920,
-8.7920

141.4500, 45.8340,
83.4820

247.9080, -5.9130,
-8.4810

127.9490, 52.1590,
95.5110

248.0220, -6.2340,
-8.1700

113.7470, 59.0800,
107.7520

99.5450, 66.0010,
119.9930

97.1970, 67.1010,
122.0850

Harmonies

Analogous

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



209.3090, -13.3910, 16.9210



211.6450, 12.1460, 22.1780



211.3560, 31.9530, 21.1450

Triad

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



211.6450, 12.1460, 22.1780



207.0030, 30.3080, -9.6280



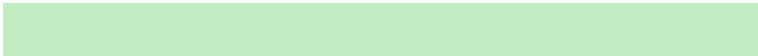
196.1980, -53.8240, -15.7440

Complementary

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



211.6450, 12.1460, 22.1780



219.3550, -12.1460, -22.1780

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.



197.7080, -38.0050, -21.5970



211.6450, 12.1460, 22.1780



204.1960, 10.4110, -17.9810

Square

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



211.6450, 12.1460, 22.1780



208.7260, 41.8140, 2.1180



200.8710, -13.6590, -22.2910



199.4080, -54.0550, -6.0470

Rectangle

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



211.6450, 12.1460, 22.1780



209.3040, 37.7310, 15.5470



200.8710, -13.6590, -22.2910



196.3570, -50.0180, -18.6420

Sweetspot

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



211.6450, 12.1460, 22.1780



247.3690, 3.5750, 6.7990



199.2010, -13.2070, 13.5850



123.1900, 2.5210, 3.8730



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.



211.6450, 12.1460, 22.1780



222.0140, 15.7210, 28.9770



209.2510, 18.8870, 15.6470



110.5430, 3.0250, 5.7530



74.2970, 51.0590, 93.4190



22.0740, 15.4920, 27.6200

Inverse Universe

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



211.6450, 12.1460, 22.1780



222.0140, 15.7210, 28.9770



221.7490, -18.8870, -15.6470



110.5430, 3.0250, 5.7530



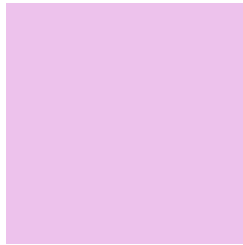
74.2970, 51.0590, 93.4190



22.0740, 15.4920, 27.6200

Previews

White Background



This preview shows how the YIQ color 211.6450, 12.1460, 22.1780 looks on a white background.

Color Contrast Check

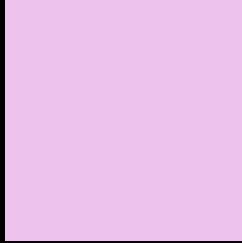
Large Text (above 18pt) WCAG AA × Fail

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 211.6450, 12.1460, 22.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

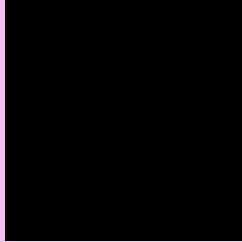
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.6450, 12.1460, 22.1780

Background



This preview shows how black text looks on a background with the YIQ color 211.6450, 12.1460, 22.1780.



This preview shows how white text looks on a background with the YIQ color 211.6450, 12.1460,

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

211.6450, 12.1460, 22.1780

Protanopia

208.5380, -15.7740, 10.5460

Deuteranopia

209.5350, -2.5240, 12.7080



Tritanopia

210.4740, 16.6410, 12.2970

Trichromacy



Original Color

211.6450, 12.1460, 22.1780

Protanomaly

209.7350, -5.9630, 14.4610

Deuteranomaly

210.2800, 2.7480, 16.2840

Tritanomaly

211.0980, 14.9440, 15.5200

Monochromacy



Original Color

211.6450, 12.1460, 22.1780

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.6080, 4.4000, 8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.6450, 12.1460, 22.1780 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(237, 194, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 236)  
}
```

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(237, 194, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 236) }
```

Border

The CSS property to change the border of an element to YIQ 211.6450, 12.1460, 22.1780 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(237, 194, 236) }
```


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

```
.border{ border-color:rgb(237, 194, 236) }
```

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

Here you see how a box with a 4 pixel rgb(237, 194, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 236);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 211.6450, 12.1460, 22.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 236) }
```

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

```
.background{ background-color: rgb(237,  
194, 236) }
```

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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