

Converting Colors

YIQ(221.6130, 6.0040, 12.3400)

Have a look what the booklet for
YIQ(221.6130, 6.0040, 12.3400)
contains.

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Color

**YIQ(221.6130, 6.0040,
12.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD4EC
RGB	235, 212, 236
RGB Percent	92%, 83%, 93%
CMY	0.0784, 0.1686, 0.0745
CMYK	0.00, 0.10, 0.00, 0.07
HSL	298°, 39%, 88%
HSV	298°, 10%, 93%
XYZ	72.9484, 70.8036, 89.1796
YIQ	221.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

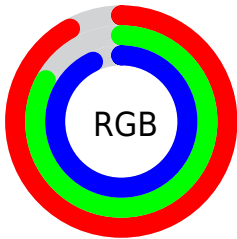
Format	Color
R _Y B	235, 212, 236
Decimal	15455468
CIE Lab	87.39, 12.14, -8.87
CIE LCh	87, 15.035, 323.859
Yxy	70.8036, 0.3132, 0.3040
Android (android.graphics.Color)	4293645548 (0xFFEBD4EC)
YUV	221.6130, 7.0928, 11.7404
Hunter-Lab	84.1449, 7.4950, -3.9361

Details

The YIQ color $221.6130, 6.0040, 12.3400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.3870, -6.0040, -12.3400$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.2000, 5.7290, 11.8170$ is the 20% darker color. If you saturate the color by 10%, you get $207.2260, 12.0080, 24.6800$, and if you desaturate by 10%, it is $236.0000, 0.0000, -0.0000$.

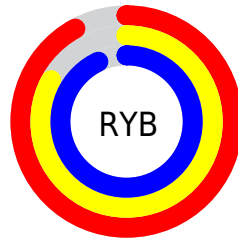
Distribution



Red (92%)

Green (83%)

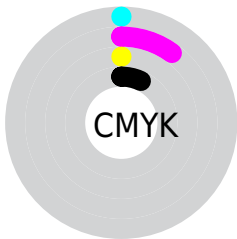
Blue (93%)



Red (92%)

Yellow (83%)

Blue (93%)

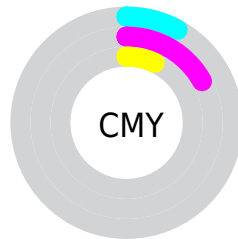


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6130, 6.0040, 12.3400 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 221.6130, 6.0040, 12.3400 by changing the saturation by 10% instead.

221.6130, 6.0040,
12.3400

221.6130, 6.0040,
12.3400

255.0000, -0.0000,
-0.0000

193.6130, 6.0040,
12.3400

166.2000, 5.7290,
11.8170

139.7870, 5.4540,
11.2940

114.3740, 5.1790,
10.7710

89.9610, 4.9040,
10.2480

66.5480, 4.6290,
9.7250

44.2490, 4.0330,

9.5130

■ 23.7220, 4.0790,
8.6790

■ 1.2540, -3.5310,
3.4210

■ 221.6130, 6.0040,
12.3400

■ 221.6130, 6.0040,
12.3400

■ 207.2260, 12.0080,
24.6800

■ 236.0000, 0.0000,
-0.0000

■ 193.4260, 17.7370,
36.4970

■ 247.4520, -4.6290,
-9.7250

■ 179.0390, 23.7410,
48.8370

■ 247.7510, -4.0330,
-9.5130

■ 165.2390, 29.4700,
60.6540

■ 248.0500, -3.4370,
-9.3010

150.8520, 35.4740,
72.9940

248.3490, -2.8410,
-9.0890

136.4650, 41.4780,
85.3340

248.6480, -2.2450,
-8.8770

122.6650, 47.2070,
97.1510

248.9470, -1.6490,
-8.6650

108.2780, 53.2110,
109.4910

249.2460, -1.0530,
-8.4530

94.4780, 58.9400,
121.3080

249.5450, -0.4570,
-8.2410

Harmonies

Analogous

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



219.9040, -8.1170, 9.4430



221.6130, 6.0040, 12.3400



222.1320, 17.6040, 11.3640

Triad

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



221.6130, 6.0040, 12.3400



219.1190, 18.4780, -4.4820



214.1860, -27.1870, -8.3950

Complementary

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



221.6130, 6.0040, 12.3400



226.3870, -6.0040, -12.3400

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.



214.2700, -18.7960, -11.7880



221.6130, 6.0040, 12.3400



217.4980, 6.9250, -9.8670

Square

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



221.6130, 6.0040, 12.3400



220.6300, 24.5290, 1.4970



215.5010, -6.3250, -12.0290



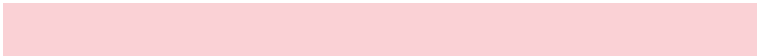
215.5760, -28.1050, -2.7690

Rectangle

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



221.6130, 6.0040, 12.3400



221.7150, 23.1520, 9.9360



215.5010, -6.3250, -12.0290



214.5020, -25.2610, -10.2610

Sweetspot

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



221.6130, 6.0040, 12.3400



250.3040, 2.2000, 4.1840



215.3230, -7.9790, 6.9410



124.1790, 1.0540, 2.9260



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.



221.6130, 6.0040, 12.3400



236.5040, 7.9290, 16.0010



220.6580, 10.1310, 9.1310



110.5430, 3.0250, 5.7530



72.6600, 45.6030, 93.1790



21.4050, 13.0620, 27.6060

Inverse Universe

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



219.2900, 13.9830, 5.3990



233.4970, 17.8340, 7.1940



227.3420, -10.1310, -9.1310



109.2890, 6.5560, 2.3320



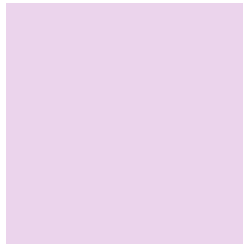
54.9170, 105.6290, 40.5490



16.3740, 31.5420, 12.0700

Previews

White Background



This preview shows how the YIQ color 221.6130, 6.0040, 12.3400 looks on a white background.

Color Contrast Check

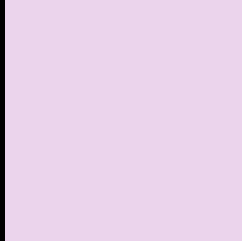
Large Text (above 18pt) WCAG AA × Fail

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 221.6130, 6.0040, 12.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

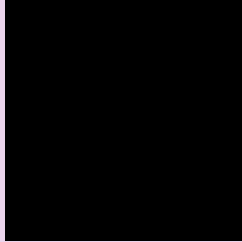
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.6130, 6.0040, 12.3400

Background



This preview shows how black text looks on a background with the YIQ color 221.6130, 6.0040, 12.3400.



This preview shows how white text looks on a background with the YIQ color 221.6130, 6.0040,

12.3400.

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

221.6130, 6.0040, 12.3400

Protanopia

220.0950, -7.3370, 6.3190

Deuteranopia

221.6020, 4.5370, 11.3930



Tritanopia

221.2170, 7.0590, 9.7390

Trichromacy



Original Color

221.6130, 6.0040, 12.3400

Protanomaly

220.9000, -2.2940, 8.5380

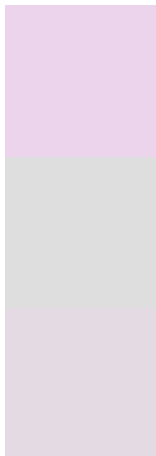
Deuteranomaly

221.9010, 5.1330, 11.6050

Tritanomaly

221.4450, 6.4170, 10.3610

Monochromacy



Original Color

221.6130, 6.0040, 12.3400

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6130, 6.0040, 12.3400 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(235, 212, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 212, 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(235, 212, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 212, 236) }
```

Border

The CSS property to change the border of an element to YIQ 221.6130, 6.0040, 12.3400 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(235, 212, 236) }
```


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

```
.border{ border-color:rgb(235, 212, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 212, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 212, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 212, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 212,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6130, 6.0040, 12.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 212, 236) }
```

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

```
.background{ background-color: rgb(235,  
212, 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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