

Converting Colors

YIQ(226.6130, 6.0040, 12.3400)

Have a look what the booklet for
YIQ(226.6130, 6.0040, 12.3400)
contains.

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Color

**YIQ(226.6130, 6.0040,
12.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9F1
RGB	240, 217, 241
RGB Percent	94%, 85%, 95%
CMY	0.0587, 0.1490, 0.0549
CMYK	0.00, 0.10, 0.00, 0.05
HSL	298°, 46%, 90%
HSV	298°, 10%, 95%
XYZ	76.6290, 74.5001, 93.5613
YIQ	226.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

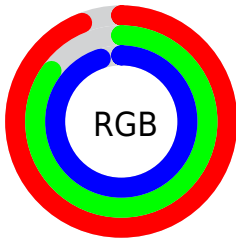
Format	Color
R_{YB}	240, 217, 241
Decimal	15784433
CIE _{Lab}	89.16, 12.09, -8.83
CIE _{LCh}	89, 14.974, 323.848
Yxy	74.5001, 0.3132, 0.3045
Android (android.graphics.Color)	4293974513 (0xFFFF0D9F1)
YUV	226.6130, 7.0928, 11.7404
Hunter-Lab	86.3134, 7.4236, -3.8493

Details

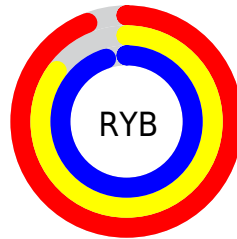
The YIQ color $226.6130, 6.0040, 12.3400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.3870, -6.0040, -12.3400$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.2000, 5.7290, 11.8170$ is the 20% darker color. If you saturate the color by 10%, you get $212.2260, 12.0080, 24.6800$, and if you desaturate by 10%, it is $241.0000, -0.0000, -0.0000$.

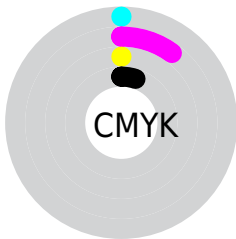
Distribution



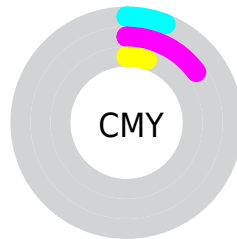
- Red (94%)
- Green (85%)
- Blue (95%)



- Red (94%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.6130, 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 226.6130, 6.0040, 12.3400 by changing the saturation by 10% instead.

226.6130, 6.0040,
12.3400

226.6130, 6.0040,
12.3400

255.0000, -0.0000,
-0.0000

198.6130, 6.0040,
12.3400

171.2000, 5.7290,
11.8170

144.7870, 5.4540,
11.2940

118.7870, 5.4540,
11.2940

94.3740, 5.1790,
10.7710

70.6620, 4.3080,
10.0360

48.1350, 4.3540,

9.2020

■ 26.8360, 3.7580,
8.9900

■ 5.8250, 2.2910,
8.0430

■ 226.6130, 6.0040,
12.3400

■ 226.6130, 6.0040,
12.3400

■ 212.2260, 12.0080,
24.6800

■ 241.0000, -0.0000,
-0.0000

■ 197.8390, 18.0120,
37.0200

■ 249.5170, -3.2540,
-7.1100

■ 183.4520, 24.0160,
49.3600

■ 249.8160, -2.6580,
-6.8980

■ 169.0650, 30.0200,
61.7000

■ 250.1150, -2.0620,
-6.6860

154.0910, 36.2990,
74.5630

250.4140, -1.4660,
-6.4740

139.7040, 42.3030,
86.9030

250.7130, -0.8700,
-6.2620

125.3170, 48.3070,
99.2430

251.0120, -0.2740,
-6.0500

110.9300, 54.3110,
111.5830

251.3110, 0.3220,
-5.8380

96.5430, 60.3150,
123.9230

251.6100, 0.9180,
-5.6260

Harmonies

Analogous

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



224.9040, -8.1170, 9.4430



226.6130, 6.0040, 12.3400



227.1320, 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.



226.6130, 6.0040, 12.3400



224.1190, 18.4780, -4.4820



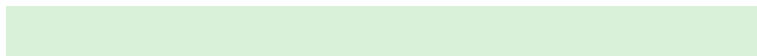
219.1860, -27.1870, -8.3950

Complementary

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



226.6130, 6.0040, 12.3400



231.3870, -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.



219.2700, -18.7960, -11.7880



226.6130, 6.0040, 12.3400



222.4980, 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.



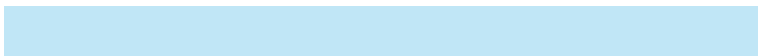
226.6130, 6.0040, 12.3400



225.6300, 24.5290, 1.4970



220.5010, -6.3250, -12.0290



220.4620, -27.7840, -3.0800

Rectangle

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



226.6130, 6.0040, 12.3400



226.7150, 23.1520, 9.9360



220.5010, -6.3250, -12.0290



219.5020, -25.2610, -10.2610

Sweetspot

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



226.6130, 6.0040, 12.3400



250.3040, 2.2000, 4.1840



220.3230, -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.



226.6130, 6.0040, 12.3400



236.5040, 7.9290, 16.0010



225.6580, 10.1310, 9.1310



112.6570, 2.7040, 6.0640



73.6000, 45.8320, 94.5360



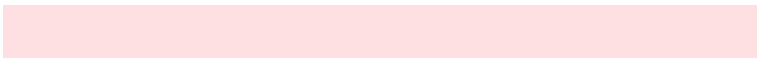
22.5300, 14.2080, 28.8640

Inverse Universe

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



224.2900, 13.9830, 5.3990



233.4970, 17.8340, 7.1940



232.3420, -10.1310, -9.1310



111.5880, 7.1520, 2.5440



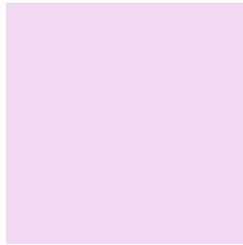
55.9280, 107.0960, 41.4960



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 226.6130, 6.0040, 12.3400 looks on a white background.

Color Contrast Check

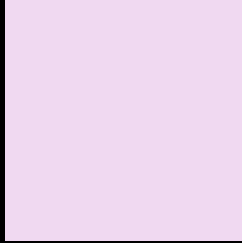
Large Text (above 18pt) WCAG AA × Fail

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 226.6130, 6.0040, 12.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

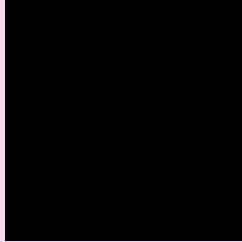
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.6130, 6.0040, 12.3400

Background



This preview shows how black text looks on a background with the YIQ color 226.6130, 6.0040, 12.3400.



This preview shows how white text looks on a background with the YIQ color 226.6130, 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

226.6130, 6.0040, 12.3400

Protanopia

225.0950, -7.3370, 6.3190

Deuteranopia

226.6020, 4.5370, 11.3930



Tritanopia

226.2170, 7.0590, 9.7390

Trichromacy



Original Color

226.6130, 6.0040, 12.3400

Protanomaly

225.9000, -2.2940, 8.5380

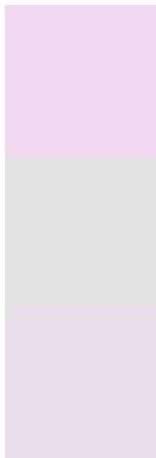
Deuteranomaly

226.9010, 5.1330, 11.6050

Tritanomaly

226.4450, 6.4170, 10.3610

Monochromacy



Original Color

226.6130, 6.0040, 12.3400

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.6130, 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(240, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 241)  
}
```

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(240, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 241) }
```

Border

The CSS property to change the border of an element to YIQ 226.6130, 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(240, 217, 241) }
```


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

```
.border{ border-color:rgb(240, 217, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 226.6130, 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(240, 217, 241) }
```

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

```
.background{ background-color: rgb(240,  
217, 241) }
```

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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