

Converting Colors

YIQ(214.1340, 6.0950, 16.1990)

Have a look what the booklet for
YIQ(214.1340, 6.0950, 16.1990)
contains.

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Color

**YIQ(214.1340, 6.0950,
16.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CAEB
RGB	230, 202, 235
RGB Percent	90%, 79%, 92%
CMY	0.0979, 0.2079, 0.0784
CMYK	0.02, 0.14, 0.00, 0.08
HSL	291°, 45%, 86%
HSV	291°, 14%, 92%
XYZ	68.7534, 65.0604, 87.5312
YIQ	214.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

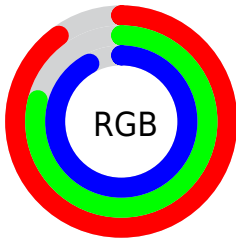
Format	Color
R _Y B	230, 202, 235
Decimal	15125227
CIE Lab	84.51, 15.58, -12.66
CIE LCh	85, 20.080, 320.902
Yxy	65.0604, 0.3106, 0.2939
Android (android.graphics.Color)	4293315307 (0xFFE6CAEB)
YUV	214.1340, 10.2869, 13.9145
Hunter-Lab	80.6600, 10.9957, -7.8787

Details

The YIQ color $214.1340, 6.0950, 16.1990$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $222.8660, -6.0950, -16.1990$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.3080, 5.5450, 15.1530$ is the 20% darker color. If you saturate the color by 10%, you get $198.8500, 10.3110, 27.9030$, and if you desaturate by 10%, it is $228.8310, 2.1540, 5.0180$.

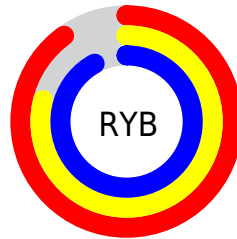
Distribution



Red (90%)

Green (79%)

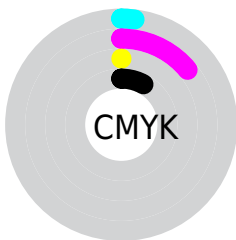
Blue (92%)



Red (90%)

Yellow (79%)

Blue (92%)

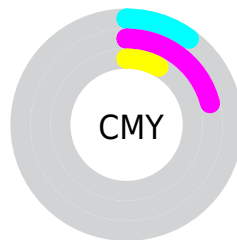


Cyan (2%)

Magenta (14%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (21%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1340, 6.0950, 16.1990 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 214.1340, 6.0950, 16.1990 by changing the saturation by 10% instead.

■ 214.1340, 6.0950,
16.1990

■ 214.1340, 6.0950,
16.1990

255.0000, -0.0000,
-0.0000

■ 186.7210, 5.8200,
15.6760

■ 159.3080, 5.5450,
15.1530

■ 133.1940, 5.8660,
14.8420

■ 107.7810, 5.5910,
14.3190

■ 83.3680, 5.3160,
13.7960

■ 59.9550, 5.0410,
13.2730

■ 38.2430, 4.1700,

12.5380

■ 15.9550, 5.0410,
13.2730

■ 0.9120, -2.5680,
2.4880

■ 214.1340, 6.0950,
16.1990

■ 214.1340, 6.0950,
16.1990

■ 198.8500, 10.3110,
27.9030

■ 228.8310, 2.1540,
5.0180

■ 184.4520, 14.8480,
39.2960

■ 243.8160, -2.6580,
-6.8980

■ 169.1680, 19.0640,
51.0000

■ 248.5340, -1.9240,
-9.1880

■ 154.7700, 23.6010,
62.3930

■ 249.4310, -0.1360,
-8.5520

■ 139.4860, 27.8170,
74.0970

■ 250.6270, 2.2480,
-7.7040

■ 125.0880, 32.3540,
85.4900

■ 251.5240, 4.0360,
-7.0680

■ 109.8040, 36.5700,
97.1940

■ 252.7200, 6.4200,
-6.2200

■ 95.4060, 41.1070,
108.5870

■ 86.5900, 43.7650,
115.4850

Harmonies

Analogous

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



212.0330, -12.7940, 11.6060



214.1340, 6.0950, 16.1990



214.5180, 22.5090, 16.0850

Triad

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



214.1340, 6.0950, 16.1990



211.0010, 24.6220, -5.6980



203.9890, -36.9980, -12.3100

Complementary

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



214.1340, 6.0950, 16.1990



222.8660, -6.0950, -16.1990

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.



204.6990, -24.6180, -16.4100



214.1340, 6.0950, 16.1990



208.9560, 11.3270, -12.5530

Square

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



214.1340, 6.0950, 16.1990



212.8760, 32.6440, 3.1080



206.6810, -7.0120, -16.1000



205.2480, -38.9250, -4.9170

Rectangle

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



214.1340, 6.0950, 16.1990



214.3460, 28.7450, 13.2010



206.6810, -7.0120, -16.1000



203.7890, -33.5590, -14.0630

Sweetspot

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



214.1340, 6.0950, 16.1990



248.5320, 1.5580, 4.8060



208.6970, -11.9680, 7.6480



123.5920, 1.3290, 3.4490



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.



214.1340, 6.0950, 16.1990



227.6660, 7.6530, 21.0050



214.3750, 12.6060, 13.8380



110.2440, 2.4290, 5.5410



66.6800, 33.6830, 88.9390



19.6110, 9.4860, 26.3340

Inverse Universe

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



212.4370, 18.0630, 8.5510



225.5410, 23.7020, 10.9820



222.6250, -12.6060, -13.8380



109.4030, 6.2350, 2.6430



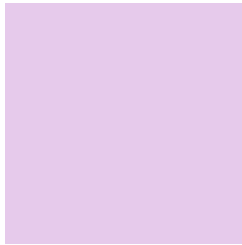
57.1970, 99.2090, 46.7690



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 214.1340, 6.0950, 16.1990 looks on a white background.

Color Contrast Check

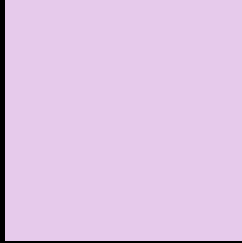
Large Text (above 18pt) WCAG AA × Fail

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 214.1340, 6.0950, 16.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

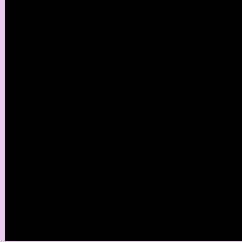
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.1340, 6.0950, 16.1990

Background



This preview shows how black text looks on a background with the YIQ color 214.1340, 6.0950, 16.1990.



This preview shows how white text looks on a background with the YIQ color 214.1340, 6.0950,

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

214.1340, 6.0950, 16.1990

Protanopia

211.6370, -11.7390, 9.0050

Deuteranopia

213.0900, 0.2270, 12.4110



Tritanopia

213.0000, 9.1680, 10.0640

Trichromacy



Original Color

214.1340, 6.0950, 16.1990

Protanomaly

212.3390, -4.9080, 11.8600

Deuteranomaly

213.4000, 2.2900, 13.5700

Tritanomaly

213.2820, 8.4340, 12.3540

Monochromacy



Original Color

214.1340, 6.0950, 16.1990

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.3580, 2.1080, 5.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1340, 6.0950, 16.1990 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(230, 202, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 235)  
}
```

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(230, 202, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 235) }
```

Border

The CSS property to change the border of an element to YIQ 214.1340, 6.0950, 16.1990 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(230, 202, 235) }
```


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

```
.border{ border-color:rgb(230, 202, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1340, 6.0950, 16.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 235) }
```

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

```
.background{ background-color: rgb(230,  
202, 235) }
```

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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