

Converting Colors

YIQ(216.0640, 3.1160, 9.6120)

Have a look what the booklet for
YIQ(216.0640, 3.1160, 9.6120)
contains.

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Color

**YIQ(216.0640, 3.1160,
9.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D1E5
RGB	225, 209, 229
RGB Percent	88%, 82%, 90%
CMY	0.1176, 0.1804, 0.1020
CMYK	0.02, 0.09, 0.00, 0.10
HSL	288°, 28%, 86%
HSV	288°, 9%, 90%
XYZ	67.9969, 67.2644, 83.5277
YIQ	216.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

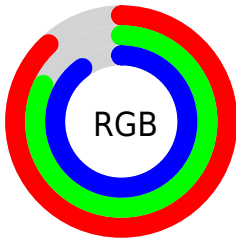
Format	Color
R _Y B	225, 209, 229
Decimal	14799333
CIE Lab	85.64, 9.09, -7.85
CIE LCh	86, 12.012, 319.201
Yxy	67.2644, 0.3108, 0.3074
Android (android.graphics.Color)	4292989413 (0xFFE1D1E5)
YUV	216.0640, 6.3774, 7.8369
Hunter-Lab	82.0149, 4.4649, -2.9732

Details

The YIQ color **216.0640, 3.1160, 9.6120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221.9360, -3.1160, -9.6120**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.6510, 2.8410, 9.0890** is the 20% darker color. If you saturate the color by 10%, you get **201.0680, 6.4610, 20.5810**, and if you desaturate by 10%, it is **231.0600, -0.2290, -1.3570**.

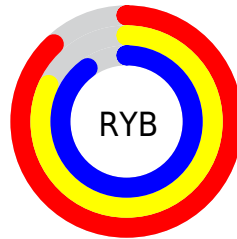
Distribution



Red (88%)

Green (82%)

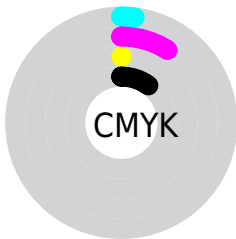
Blue (90%)



Red (88%)

Yellow (82%)

Blue (90%)

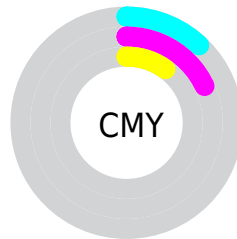


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (12%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0640, 3.1160, 9.6120 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 216.0640, 3.1160, 9.6120 by changing the saturation by 10% instead.

■ 216.0640, 3.1160,
9.6120

■ 216.0640, 3.1160,
9.6120

255.0000, -0.0000,
-0.0000

■ 188.0640, 3.1160,
9.6120

■ 161.6510, 2.8410,
9.0890

■ 135.2380, 2.5660,
8.5660

■ 109.5370, 3.1620,
8.7780

■ 85.1240, 2.8870,
8.2550

■ 61.8250, 2.2910,
8.0430

■ 40.2980, 2.3370,

7.2090

■ 19.2980, 2.3370,
7.2090

■ 0.1140, -0.3210,
0.3110

■ 216.0640, 3.1160,
9.6120

■ 216.0640, 3.1160,
9.6120

■ 201.0680, 6.4610,
20.5810

■ 231.0600, -0.2290,
-1.3570

■ 186.3710, 10.4020,
31.7620

■ 245.7570, -4.1700,
-12.5380

■ 171.3750, 13.7470,
42.7310

■ 247.2520, -1.1900,
-11.4780

■ 156.6780, 17.6880,
53.9120

■ 248.4480, 1.1940,
-10.6300

■ 141.6820, 21.0330,
64.8810

■ 249.9430, 4.1740,
-9.5700

■ 127.5720, 24.6990,
75.5390

■ 251.1390, 6.5580,
-8.7220

■ 112.5760, 28.0440,
86.5080

■ 252.0360, 8.3460,
-8.0860

■ 97.8790, 31.9850,
97.6890

■ 82.8830, 35.3300,
108.6580

Harmonies

Analogous

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



214.9100, -8.2540, 6.4180



216.0640, 3.1160, 9.6120



216.7400, 12.8360, 9.6680

Triad

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



216.0640, 3.1160, 9.6120



214.5040, 15.9560, -2.8280



210.5350, -20.8600, -7.4200

Complementary

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



216.0640, 3.1160, 9.6120



221.9360, -3.1160, -9.6120

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.



210.6620, -14.0280, -10.0920



216.0640, 3.1160, 9.6120



213.3780, 7.3830, -7.1530

Square

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



216.0640, 3.1160, 9.6120



215.7050, 19.9440, 1.9920



211.6370, -3.7120, -9.8240



211.0990, -22.3280, -2.8400

Rectangle

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



216.0640, 3.1160, 9.6120



216.1380, 17.4670, 8.3390



211.6370, -3.7120, -9.8240



210.3780, -18.9800, -8.4520

Sweetspot

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



216.0640, 3.1160, 9.6120



249.7060, 1.0080, 3.7600



213.6280, -7.5200, 4.1280



123.8800, 0.4580, 2.7140



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.



216.0640, 3.1160, 9.6120



238.8300, 3.8950, 12.0150



216.5760, 7.4260, 8.5940



107.0590, 1.5120, 5.6400



63.1630, 27.7690, 85.9850



18.0730, 8.0650, 24.5530

Inverse Universe

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



215.4360, 10.6360, 5.4840



238.0450, 13.2950, 6.8550



221.4240, -7.4260, -8.5940



106.9300, 6.1890, 3.4770



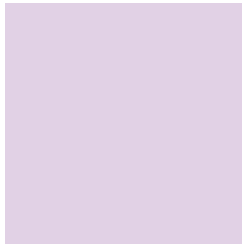
57.6250, 95.1280, 49.1440



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 216.0640, 3.1160, 9.6120 looks on a white background.

Color Contrast Check

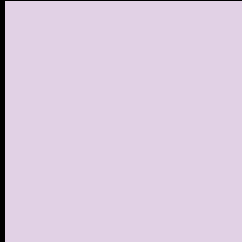
Large Text (above 18pt) WCAG AA × Fail

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 216.0640, 3.1160, 9.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

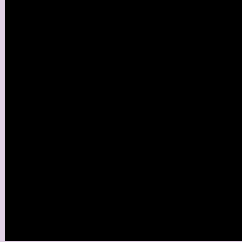
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.0640, 3.1160, 9.6120

Background



This preview shows how black text looks on a background with the YIQ color 216.0640, 3.1160, 9.6120.



This preview shows how white text looks on a background with the YIQ color 216.0640, 3.1160,

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

216.0640, 3.1160, 9.6120

Protanopia

215.0520, -5.7780, 5.5980

Deuteranopia

216.3740, 5.1790, 10.7710



Tritanopia

215.7220, 4.0790, 8.6790

Trichromacy



Original Color

216.0640, 3.1160, 9.6120

Protanomaly

215.5470, -2.7980, 6.6580

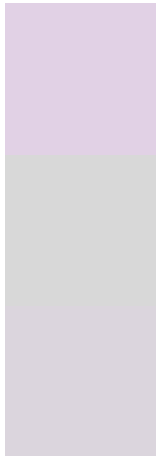
Deuteranomaly

216.0750, 4.5830, 10.5590

Tritanomaly

215.8360, 3.7580, 8.9900

Monochromacy



Original Color

216.0640, 3.1160, 9.6120

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0640, 3.1160, 9.6120 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(225, 209, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 209, 229)  
}
```

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(225, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 209, 229) }
```

Border

The CSS property to change the border of an element to YIQ 216.0640, 3.1160, 9.6120 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(225, 209, 229) }
```


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

```
.border{ border-color:rgb(225, 209, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 209, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 209,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0640, 3.1160, 9.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 209, 229) }
```

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

```
.background{ background-color: rgb(225,  
209, 229) }
```

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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