

Converting Colors

YIQ(213.6820, 1.5560, 15.8600)

Have a look what the booklet for
YIQ(213.6820, 1.5560, 15.8600)
contains.

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Color

**YIQ(213.6820, 1.5560,
15.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CBEF
RGB	225, 203, 239
RGB Percent	88%, 80%, 94%
CMY	0.1176, 0.2039, 0.0628
CMYK	0.06, 0.15, 0.00, 0.06
HSL	277°, 53%, 87%
HSV	277°, 15%, 94%
XYZ	67.9902, 64.9498, 90.6102
YIQ	213.6820, 1.5560, 15.8600

Conversions

Conversions Part 2

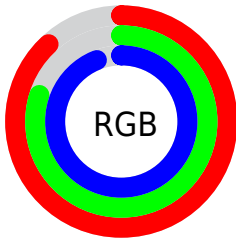
Format	Color
R _Y B	225, 203, 239
Decimal	14797807
CIE Lab	84.46, 14.16, -14.92
CIE LCh	84, 20.569, 313.513
Yxy	64.9498, 0.3041, 0.2905
Android (android.graphics.Color)	4292987887 (0xFFE1CBEF)
YUV	213.6820, 12.4818, 9.9259
Hunter-Lab	80.5915, 9.5548, -10.2466

Details

The YIQ color $213.6820, 1.5560, 15.8600$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $228.3180, -1.5560, -15.8600$, 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 $159.1550, 1.6020, 15.0260$ is the 20% darker color. If you saturate the color by 10%, you get $196.9030, 2.7920, 26.5040$, and if you desaturate by 10%, it is $230.4610, 0.3200, 5.2160$.

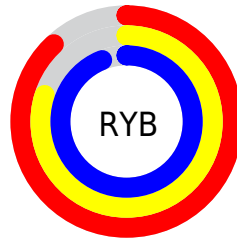
Distribution



Red (88%)

Green (80%)

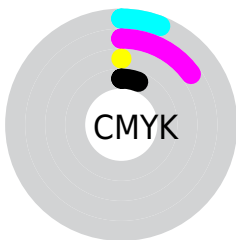
Blue (94%)



Red (88%)

Yellow (80%)

Blue (94%)

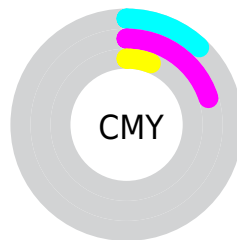


Cyan (6%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.6820, 1.5560, 15.8600 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 213.6820, 1.5560, 15.8600 by changing the saturation by 10% instead.

■ 213.6820, 1.5560,
15.8600

■ 213.6820, 1.5560,
15.8600

255.0000, -0.0000,
-0.0000

■ 186.2690, 1.2810,
15.3370

■ 159.1550, 1.6020,
15.0260

■ 132.7420, 1.3270,
14.5030

■ 107.3290, 1.0520,
13.9800

■ 82.9160, 0.7770,
13.4570

■ 59.8020, 1.0980,
13.1460

■ 37.9760, 0.5480,

12.1000

■ 15.9870, 2.0150,
13.0470

■ 2.0690, -4.4480,
3.5200

■ 213.6820, 1.5560,
15.8600

■ 213.6820, 1.5560,
15.8600

■ 196.9030, 2.7920,
26.5040

■ 230.4610, 0.3200,
5.2160

■ 179.8250, 3.4320,
36.9360

■ 247.5390, -0.3200,
-5.2160

■ 163.0460, 4.6680,
47.5800

■ 252.5780, 3.9440,
-5.4000

■ 146.2670, 5.9040,
58.2240

■ 253.1760, 5.1360,
-4.9760

■ 129.4880, 7.1400,
68.8680

■ 112.9970, 7.5050,
78.7770

■ 96.2180, 8.7410,
89.4210

■ 79.4390, 9.9770,
100.0650

■ 70.9000, 10.2970,
105.2810

Harmonies

Analogous

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



210.7550, -17.8830, 10.2210



213.6820, 1.5560, 15.8600



214.1910, 19.1160, 17.0040

Triad

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



213.6820, 1.5560, 15.8600



211.3220, 28.1520, -3.5920



203.4190, -35.3930, -13.8650

Complementary

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



213.6820, 1.5560, 15.8600



228.3180, -1.5560, -15.8600

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.



204.4390, -20.9500, -16.8060



213.6820, 1.5560, 15.8600



209.0490, 15.4990, -11.0690

Square

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



213.6820, 1.5560, 15.8600



212.9410, 34.0190, 5.7230



207.0190, -2.1520, -16.0720



204.2970, -40.6210, -7.2210

Rectangle

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



213.6820, 1.5560, 15.8600



214.2150, 27.7360, 14.9680



207.0190, -2.1520, -16.0720



203.5180, -31.3580, -15.4060

Sweetspot

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



213.6820, 1.5560, 15.8600



245.8740, 0.5950, 5.7390



215.3220, -15.4060, 3.8740



122.4070, 0.4120, 3.5480



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.



213.6820, 1.5560, 15.8600



222.6160, 1.9220, 20.2420



217.4120, 11.1840, 17.5840



111.4610, 0.3200, 5.2160



54.4640, 7.6880, 80.9680



16.5500, 2.2880, 24.6240

Inverse Universe

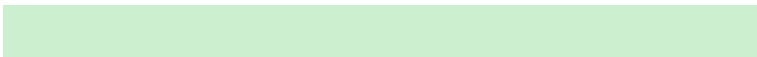
The Inverse Universe completely reimagines the original color for something new.



215.3600, 16.9620, 11.9860



224.8060, 21.6380, 15.3500



224.5880, -11.1840, -17.5840



112.1580, 5.5470, 4.0990



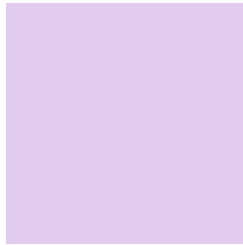
63.1100, 86.8730, 61.0890



19.2520, 26.3140, 18.7140

Previews

White Background



This preview shows how the YIQ color 213.6820, 1.5560, 15.8600 looks on a white background.

Color Contrast Check

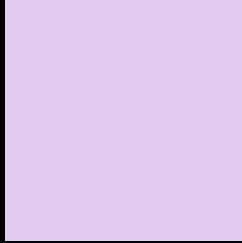
Large Text (above 18pt) WCAG AA × Fail

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 213.6820, 1.5560, 15.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

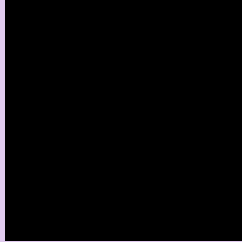
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.6820, 1.5560, 15.8600

Background



This preview shows how black text looks on a background with the YIQ color 213.6820, 1.5560, 15.8600.



This preview shows how white text looks on a background with the YIQ color 213.6820, 1.5560,

15.8600.

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

213.6820, 1.5560, 15.8600

Protanopia

211.6800, -13.2980, 9.7260

Deuteranopia

212.7630, -3.1660, 13.3300



Tritanopia

212.6080, 4.4000, 8.3680

Trichromacy



Original Color

213.6820, 1.5560, 15.8600

Protanomaly

212.4850, -8.2550, 11.9450

Deuteranomaly

213.0730, -1.1030, 14.4890

Tritanomaly

213.0040, 3.3450, 10.9690

Monochromacy



Original Color

213.6820, 1.5560, 15.8600

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6820, 1.5560, 15.8600 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, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 239)  
}
```

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, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 239) }
```

Border

The CSS property to change the border of an element to YIQ 213.6820, 1.5560, 15.8600 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, 203, 239) }
```


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

```
.border{ border-color:rgb(225, 203, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 203, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6820, 1.5560, 15.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 239) }
```

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

```
.background{ background-color: rgb(225,  
203, 239) }
```

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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