

Converting Colors

YIQ(223.5020, 2.2430, 19.9310)

Have a look what the booklet for
YIQ(223.5020, 2.2430, 19.9310)
contains.

YIQ(223.5020, 2.2430, 19.9310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(223.5020, 2.2430,
19.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	EED2FF
RGB	238, 210, 255
RGB Percent	93%, 82%, 100%
CMY	0.0666, 0.1765, 0.0000
CMYK	0.07, 0.18, 0.00, 0.00
HSL	277°, 100%, 91%
HSV	277°, 18%, 100%
XYZ	76.3607, 71.4883, 104.3761
YIQ	223.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

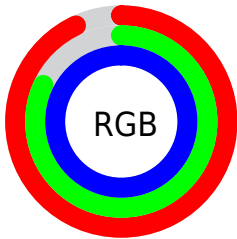
Format	Color
R _Y B	238, 210, 255
Decimal	15651583
CIE Lab	87.72, 17.74, -18.37
CIE LCh	88, 25.537, 313.997
Yxy	71.4883, 0.3027, 0.2834
Android (android.graphics.Color)	4293841663 (0xFFEED2FF)
YUV	223.5020, 15.5285, 12.7147
Hunter-Lab	84.5508, 13.2455, -14.0067

Details

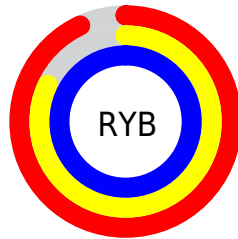
The YIQ color $223.5020, 2.2430, 19.9310$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $241.4980, -2.2430, -19.9310$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.9750, 2.2890, 19.0970$ is the 20% darker color. If you saturate the color by 10%, you get $205.2500, 3.4330, 31.4090$, and if you desaturate by 10%, it is $241.1670, 1.3280, 8.9760$.

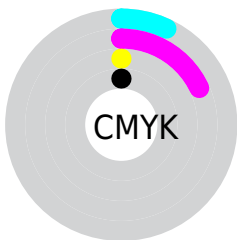
Distribution



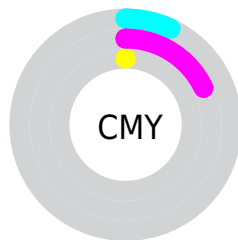
- Red (93%)
- Green (82%)
- Blue (100%)



- Red (93%)
- Yellow (82%)
- Blue (100%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.5020, 2.2430, 19.9310 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 223.5020, 2.2430, 19.9310 by changing the saturation by 10% instead.

■ 223.5020, 2.2430,
19.9310

■ 223.5020, 2.2430,
19.9310

255.0000, -0.0000,
-0.0000

■ 195.3880, 2.5640,
19.6200

■ 167.9750, 2.2890,
19.0970

■ 141.5620, 2.0140,
18.5740

■ 116.0350, 2.0600,
17.7400

■ 91.3230, 1.1890,
17.0050

■ 67.7960, 1.2350,
16.1710

■ 44.9700, 0.6850,

15.1250

■ 23.4430, 0.7310,
14.2910

■ 4.2740, -6.2830,
9.2450

■ 223.5020, 2.2430,
19.9310

■ 223.5020, 2.2430,
19.9310

■ 205.2500, 3.4330,
31.4090

■ 241.1670, 1.3280,
8.9760

■ 187.8840, 4.9440,
42.5760

255.0000, -0.0000,
-0.0000

■ 169.6320, 6.1340,
54.0540

■ 152.2660, 7.6450,
65.2210

■ 134.0140, 8.8350,
76.6990

■ 116.3490, 9.7500,
87.6540

■ 98.3960, 11.5360,
99.3440

■ 80.7310, 12.4510,
110.2990

■ 76.6110, 12.9090,
113.0130

Harmonies

Analogous

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



218.9290, -18.4330, 9.1750



223.5020, 2.2430, 19.9310



222.6690, 20.7660, 20.1420

Triad

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



223.5020, 2.2430, 19.9310



220.2040, 34.2960, -4.8080



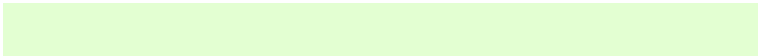
210.0370, -46.1210, -17.6810

Complementary

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



223.5020, 2.2430, 19.9310



241.4980, -2.2430, -19.9310

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.



211.9820, -27.0930, -21.1170



223.5020, 2.2430, 19.9310



217.9090, 18.7090, -14.1790

Square

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



223.5020, 2.2430, 19.9310



219.0720, 35.0280, 3.9560



214.9000, -3.4350, -20.3550



211.3710, -52.6330, -9.7930

Rectangle

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



223.5020, 2.2430, 19.9310



220.1440, 26.4980, 15.3780



214.9000, -3.4350, -20.3550



210.2070, -40.8480, -19.6320

Sweetspot

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



223.5020, 2.2430, 19.9310



245.8740, 0.5950, 5.7390



225.1090, -19.1200, 5.1040



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.



223.5020, 2.2430, 19.9310



217.3220, 2.9300, 24.0020



228.0150, 13.9800, 21.9800



118.8740, 0.5950, 5.7390



57.3550, 9.6130, 84.6290



19.2560, 3.2960, 28.3840

Inverse Universe

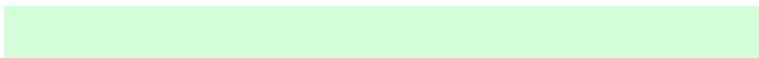
The Inverse Universe completely reimagines the original color for something new.



225.3930, 21.3630, 14.8270



219.5400, 25.4430, 17.9790



236.9850, -13.9800, -21.9800



119.4570, 6.1430, 4.3110



65.3170, 90.7240, 62.8840



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 223.5020, 2.2430, 19.9310 looks on a white background.

Color Contrast Check

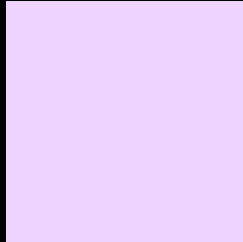
Large Text (above 18pt) WCAG AA × Fail

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 223.5020, 2.2430, 19.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

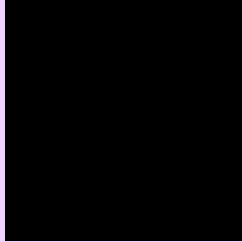
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.5020, 2.2430, 19.9310

Background



This preview shows how black text looks on a background with the YIQ color 223.5020, 2.2430, 19.9310.



This preview shows how white text looks on a background with the YIQ color 223.5020, 2.2430,

19.9310.

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

223.5020, 2.2430, 19.9310

Protanopia

220.7230, -14.8570, 10.4470

Deuteranopia

222.4360, -6.5590, 14.2490



Tritanopia

221.9180, 6.4630, 9.5270

Trichromacy



Original Color

223.5020, 2.2430, 19.9310

Protanomaly

221.6530, -8.6680, 13.9240

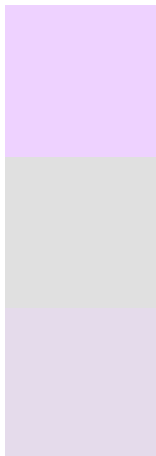
Deuteranomaly

222.7570, -3.0290, 16.3550

Tritanomaly

222.6560, 4.4450, 13.0610

Monochromacy



Original Color

223.5020, 2.2430, 19.9310

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8140, 0.8240, 7.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.5020, 2.2430, 19.9310 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(238, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 210, 255)  
}
```

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(238, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 210, 255) }
```

Border

The CSS property to change the border of an element to YIQ 223.5020, 2.2430, 19.9310 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(238, 210, 255) }
```


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

```
.border{ border-color:rgb(238, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 210,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 223.5020, 2.2430, 19.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 210, 255) }
```

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

```
.background{ background-color: rgb(238,  
210, 255) }
```

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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