

Converting Colors

YIQ(125.5740, 22.3580, 90.4380)

Have a look what the booklet for
YIQ(125.5740, 22.3580, 90.4380)
contains.

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Color

**YIQ(125.5740, 22.3580,
90.4380)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CB3DFF |
| RGB | 203, 61, 255 |
| RGB Percent | 80%, 24%, 100% |
| CMY | 0.2035, 0.7610, 0.0001 |
| CMYK | 0.20, 0.76, 0.00, 0.00 |
| HSL | 284°, 100%, 62% |
| HSV | 284°, 76%, 100% |
| XYZ | 44.3735, 23.2631, 96.7460 |
| YIQ | 125.5740, 22.3580, 90.4380 |

Conversions

Conversions Part 2

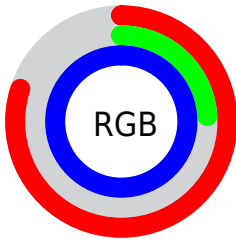
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 61, 255 |
| Decimal | 13319679 |
| CIE Lab | 55.34, 80.37, -69.27 |
| CIE LCh | 55, 106.103, 319.243 |
| Yxy | 23.2631, 0.2699, 0.1415 |
| Android (android.graphics.Color) | 4291509759 (0xFFCB3DFF) |
| YUV | 125.5740, 63.8070, 67.9026 |
| Hunter-Lab | 48.2318, 79.8152, -85.1648 |

Details

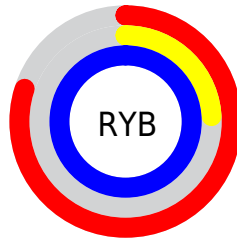
The YIQ color **125.5740, 22.3580, 90.4380** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **190.4260, -22.3580, -90.4380**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5160, 36.3000, 69.0360**, and **65.2150, 21.9910, 91.5830** is the 20% darker color. If you saturate the color by 10%, you get **108.2190, 25.3360, 102.5520**, and if you desaturate by 10%, it is **142.3420, 19.6550, 78.8470**.

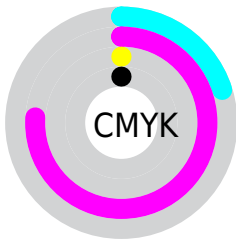
Distribution



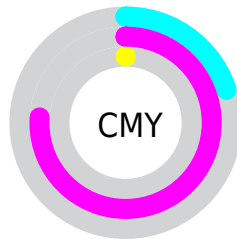
- Red (80%)
- Green (24%)
- Blue (100%)



- Red (80%)
- Yellow (24%)
- Blue (100%)



- Cyan (20%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.5740, 22.3580, 90.4380 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 125.5740, 22.3580, 90.4380 by changing the saturation by 10% instead.


 125.5740, 22.3580,
90.4380


 125.5740, 22.3580,
90.4380


255.0000, -0.0000,
-0.0000


 87.4700, 25.8870,
98.0710

 177.5160, 36.3000,
69.0360


 65.2150, 21.9910,
91.5830


 194.5390, 28.3250,
53.8690


 53.3520, 13.6950,
76.7270


 211.5620, 20.3500,
38.7020

 41.3040, 4.4820,
61.9700

 229.1720, 12.1000,
23.0120

 28.9570, -5.3270,
47.0010

 246.7820, 3.8500,
7.3220

 15.3430, -18.7580,
31.5940

 7.4100, -20.8650,

20.2150

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 125.5740, 22.3580,
90.4380

■ 125.5740, 22.3580,
90.4380

■ 108.2190, 25.3360,
102.5520

■ 142.3420, 19.6550,
78.8470

■ 91.4510, 28.0390,
114.1430

■ 159.6970, 16.6770,
66.7330

■ 84.9830, 29.5970,
118.9490

■ 176.4650, 13.9740,
55.1420

■ 193.5210, 10.4000,
42.8160

■ 210.2890, 7.6970,
31.2250

■ 227.6440, 4.7190,
19.1110

■ 244.4120, 2.0160,
7.5200

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



101.8580, -115.9550, 14.4530



125.5740, 22.3580, 90.4380



95.6250, 97.4100, 106.9300

Triad

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



125.5740, 22.3580, 90.4380



125.1900, 80.4690, -21.1230



120.3900, -107.5110, -28.4630

Complementary

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



125.5740, 22.3580, 90.4380



190.4260, -22.3580, -90.4380

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.



108.2720, -76.1450, -57.2730



125.5740, 22.3580, 90.4380



117.0970, 22.4300, -54.0980

Square

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



125.5740, 22.3580, 90.4380



108.7960, 133.0500, 22.6660



93.9200, -44.0000, -83.6800



127.0990, -127.7800, -8.0360

Rectangle

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



125.5740, 22.3580, 90.4380



88.6710, 116.9910, 87.9590



93.9200, -44.0000, -83.6800



116.8560, -97.5600, -38.1040

Sweetspot

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



125.5740, 22.3580, 90.4380



215.5830, 6.6890, 27.4650



115.4010, -77.3990, 31.5690



103.8780, 3.9400, 16.7080



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.



125.5740, 22.3580, 90.4380



100.2780, 26.8480, 108.1920



136.3340, 66.8320, 88.4000



119.1730, 1.1910, 5.9510



63.6340, 22.1290, 89.0810



21.3490, 7.4680, 29.8680

Inverse Universe

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



124.9340, 98.9320, 57.3000



99.4360, 118.3700, 68.4660



179.6660, -66.8320, -88.4000



119.2290, 6.7850, 3.6890



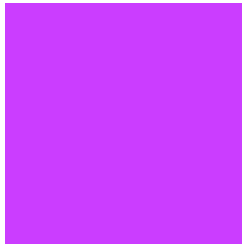
62.9230, 97.4650, 56.3530



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 125.5740, 22.3580, 90.4380 looks on a white background.

Color Contrast Check

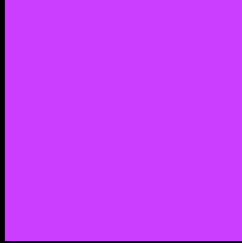
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.5740, 22.3580, 90.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

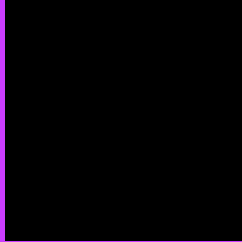
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.5740, 22.3580, 90.4380

Background



This preview shows how black text looks on a background with the YIQ color 125.5740, 22.3580, 90.4380.



This preview shows how white text looks on a background with the YIQ color 125.5740, 22.3580,

90.4380.

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

125.5740, 22.3580, 90.4380

Protanopia

121.8360, -83.3580, 23.9220

Deuteranopia

106.4910, -113.8440, 3.7240



Tritanopia

134.1410, 39.7480, 17.5400

Trichromacy



Original Color

125.5740, 22.3580, 90.4380

Protanomaly

123.0080, -44.8950, 48.2330

Deuteranomaly

113.4520, -64.2410, 35.3990

Tritanomaly

130.6670, 33.4160, 44.2000

Monochromacy



Original Color

125.5740, 22.3580, 90.4380

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.6420, 8.2010, 33.1050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.5740, 22.3580, 90.4380 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(203, 61, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 61, 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(203, 61, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 61, 255) }
```

Border

The CSS property to change the border of an element to YIQ 125.5740, 22.3580, 90.4380 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(203, 61, 255) }
```


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

```
.border{ border-color:rgb(203, 61, 255) }
```

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

Here you see how a box with a 4 pixel rgb(203, 61, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 61, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 61, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 61,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 125.5740, 22.3580, 90.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 61, 255) }
```

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

```
.background{ background-color: rgb(203, 61,  
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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