

Converting Colors

YIQ(114.1710, 51.6540, 99.1580)

Have a look what the booklet for
YIQ(114.1710, 51.6540, 99.1580)
contains.

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Color

**YIQ(114.1710, 51.6540,
99.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	E124E2
RGB	225, 36, 226
RGB Percent	88%, 14%, 89%
CMY	0.1171, 0.8591, 0.1137
CMYK	0.00, 0.84, 0.00, 0.11
HSL	300°, 77%, 51%
HSV	300°, 84%, 89%
XYZ	45.4545, 22.7796, 73.9633
YIQ	114.1710, 51.6540, 99.1580

Conversions

Conversions Part 2

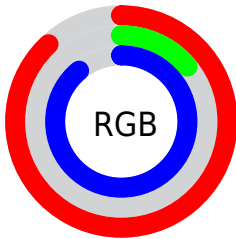
Format	Color
R _Y B	225, 36, 226
Decimal	14755042
CIE Lab	54.84, 85.64, -53.67
CIE LCh	55, 101.066, 327.927
Yxy	22.7796, 0.3197, 0.1602
Android (android.graphics.Color)	4292945122 (0xFFE124E2)
YUV	114.1710, 55.1317, 97.1970
Hunter-Lab	47.7280, 86.4732, -58.4712

Details

The YIQ color **114.1710, 51.6540, 99.1580** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **147.8290, -51.6540, -99.1580**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 40.1500, 76.3580**, and **68.7150, 43.7700, 87.8500** is the 20% darker color. If you saturate the color by 10%, you get **100.6700, 57.9790, 111.1870**, and if you desaturate by 10%, it is **127.6720, 45.3290, 87.1290**.

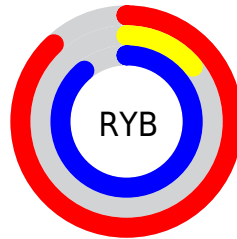
Distribution



Red (88%)

Green (14%)

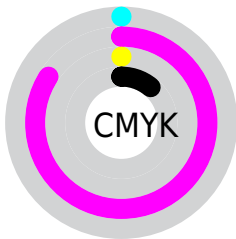
Blue (89%)



Red (88%)

Yellow (14%)

Blue (89%)

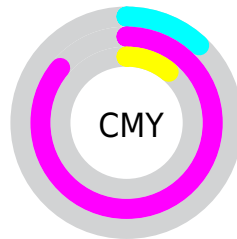


Cyan (0%)

Magenta (84%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (86%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.1710, 51.6540, 99.1580 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 114.1710, 51.6540, 99.1580 by changing the saturation by 10% instead.

114.1710, 51.6540,
99.1580

114.1710, 51.6540,
99.1580

255.0000, -0.0000,
-0.0000

80.8770, 52.6620,
102.9180

169.2980, 40.1500,
76.3580

68.7150, 43.7700,
87.8500

187.4950, 31.6250,
60.1450

56.9660, 35.1530,
73.3050

205.1050, 23.3750,
44.4550

45.2170, 26.5360,
58.7600

222.7150, 15.1250,
28.7650

33.6960, 17.2770,
44.8370

240.9120, 6.6000,
12.5520

22.5880, 8.2930,
31.4370

9.3870, -4.8630,

16.5530

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 114.1710, 51.6540,
99.1580

■ 114.1710, 51.6540,
99.1580

■ 100.6700, 57.9790,
111.1870

■ 127.6720, 45.3290,
87.1290

■ 93.0390, 61.5540,
117.9860

■ 140.5860, 39.2790,
75.6230

■ 154.0870, 32.9540,
63.5940

■ 167.3000, 27.5000,
52.3000

■ 180.8010, 21.1750,
40.2710

■ 194.3020, 14.8500,
28.2420

■ 207.2160, 8.8000,
16.7360

■ 220.7170, 2.4750,
4.7070

■ 233.6310, -3.5750,
-6.7990

Harmonies

Analogous

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



119.3430, -62.3160, 39.0600



114.1710, 51.6540, 99.1580



92.3190, 106.7190, 97.9110

Triad

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



114.1710, 51.6540, 99.1580



123.2970, 63.6900, -30.9180



121.6100, -113.7020, -20.8860

Complementary

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



114.1710, 51.6540, 99.1580



147.8290, -51.6540, -99.1580

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.



110.8770, -84.8580, -48.0420



114.1710, 51.6540, 99.1580



110.1870, 4.3210, -61.8150

Square

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



114.1710, 51.6540, 99.1580



117.1920, 113.6590, 5.1390



95.5160, -48.4940, -79.3260



124.1640, -126.4050, -5.4210

Rectangle

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



114.1710, 51.6540, 99.1580



85.8210, 125.0160, 80.1840



95.5160, -48.4940, -79.3260



118.3040, -104.3930, -29.9050

Sweetspot

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



114.1710, 51.6540, 99.1580



217.4320, 17.6000, 33.4720



59.4210, -61.8150, 57.5210



104.8080, 10.1290, 20.1850



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.



114.1710, 51.6540, 99.1580



105.0160, 69.5290, 133.1530



103.9820, 81.7820, 70.7580



105.5430, 3.0250, 5.7530



72.3890, 47.8040, 91.8360



19.8240, 13.2000, 25.1040

Inverse Universe

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



92.9240, 112.9190, 40.5910



76.3590, 151.6590, 54.3710



158.0180, -81.7820, -70.7580



104.2890, 6.5560, 2.3320



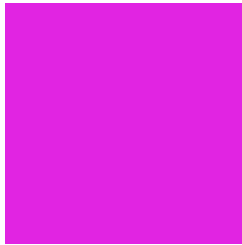
52.7380, 104.5750, 37.6230



14.3520, 28.6080, 10.1760

Previews

White Background



This preview shows how the YIQ color 114.1710, 51.6540, 99.1580 looks on a white background.

Color Contrast Check

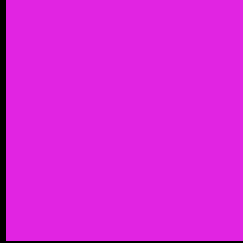
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1710, 51.6540, 99.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

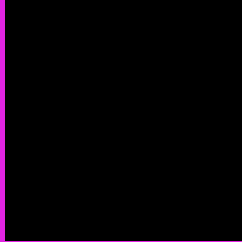
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.1710, 51.6540, 99.1580

Background



This preview shows how black text looks on a background with the YIQ color 114.1710, 51.6540, 99.1580.



This preview shows how white text looks on a background with the YIQ color 114.1710, 51.6540,

99.1580.

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

114.1710, 51.6540, 99.1580

Protanopia

120.3520, -84.8710, 23.8090

Deuteranopia

126.5830, -55.2050, 14.8030



Tritanopia

129.0800, 68.0810, 27.1930

Trichromacy



Original Color

114.1710, 51.6540, 99.1580



Protanomaly

118.2650, -35.3130, 50.7910



Deuteranomaly

122.1560, -16.1930, 45.6870



Tritanomaly

123.4920, 62.0700, 53.5420

Monochromacy



Original Color

114.1710, 51.6540, 99.1580



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1980, 18.3790, 35.8750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1710, 51.6540, 99.1580 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, 36, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 36, 226)  
}
```

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, 36, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 36, 226) }
```

Border

The CSS property to change the border of an element to YIQ 114.1710, 51.6540, 99.1580 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, 36, 226) }
```


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

```
.border{ border-color:rgb(225, 36, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 36, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 36, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 36, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 36,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1710, 51.6540, 99.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 36, 226) }
```

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

```
.background{ background-color: rgb(225, 36,  
226) }
```

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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