

Converting Colors

YIQ(115.1660, 50.0500, 95.1860)

Have a look what the booklet for
YIQ(115.1660, 50.0500, 95.1860)
contains.

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Color

**YIQ(115.1660, 50.0500,
95.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	DE28DE
RGB	222, 40, 222
RGB Percent	87%, 16%, 87%
CMY	0.1289, 0.8434, 0.1294
CMYK	0.00, 0.82, 0.00, 0.13
HSL	300°, 73%, 51%
HSV	300°, 82%, 87%
XYZ	44.1099, 22.3388, 71.1045
YIQ	115.1660, 50.0500, 95.1860

Conversions

Conversions Part 2

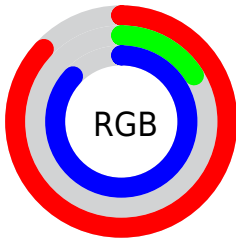
Format	Color
R _{YB}	222, 40, 222
Decimal	14559454
CIE Lab	54.38, 83.73, -52.16
CIE LCh	54, 98.649, 328.077
Yxy	22.3388, 0.3207, 0.1624
Android (android.graphics.Color)	4292749534 (0xFFDE28DE)
YUV	115.1660, 52.6692, 93.6934
Hunter-Lab	47.2639, 83.8765, -56.1120

Details

The YIQ color **115.1660, 50.0500, 95.1860** 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 **146.8340, -50.0500, -95.1860**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 39.8750, 75.8350**, and **67.3620, 43.2660, 85.9700** is the 20% darker color. If you saturate the color by 10%, you get **102.2520, 56.1000, 106.6920**, and if you desaturate by 10%, it is **128.0800, 44.0000, 83.6800**.

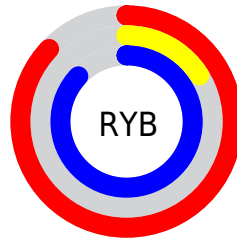
Distribution



Red (87%)

Green (16%)

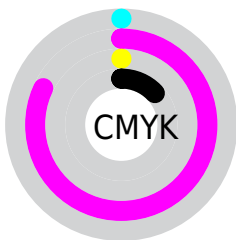
Blue (87%)



Red (87%)

Yellow (16%)

Blue (87%)

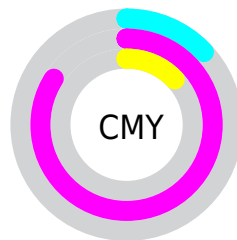


Cyan (0%)

Magenta (82%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (84%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1660, 50.0500, 95.1860 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 115.1660, 50.0500, 95.1860 by changing the saturation by 10% instead.


 115.1660, 50.0500,
95.1860


 115.1660, 50.0500,
95.1860


255.0000, -0.0000,
-0.0000


 79.5240, 52.1580,
101.0380


 169.8850, 39.8750,
75.8350


 67.3620, 43.2660,
85.9700


 188.0820, 31.3500,
59.6220


 55.6130, 34.6490,
71.4250


 205.6920, 23.1000,
43.9320

 43.9780, 25.7110,
57.1910

 223.3020, 14.8500,
28.2420

 32.7560, 17.0480,
43.4800

 240.9120, 6.6000,
12.5520

 21.2350, 7.7890,
29.5570

 7.5500, -6.8800,

14.5600

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 115.1660, 50.0500,
95.1860

■ 115.1660, 50.0500,
95.1860

■ 102.2520, 56.1000,
106.6920

■ 128.0800, 44.0000,
83.6800

■ 91.6860, 61.0500,
116.1060

■ 140.9940, 37.9500,
72.1740

■ 154.4950, 31.6250,
60.1450

■ 167.4090, 25.5750,
48.6390

■ 180.3230, 19.5250,
37.1330

■ 193.2370, 13.4750,
25.6270

■ 206.1510, 7.4250,
14.1210

■ 219.6520, 1.1000,
2.0920

■ 232.5660, -4.9500,
-9.4140

Harmonies

Analogous

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



119.9520, -59.6570, 40.4310



115.1660, 50.0500, 95.1860



92.2050, 107.0400, 97.6000

Triad

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



115.1660, 50.0500, 95.1860



122.1120, 62.7730, -30.8190



120.0940, -112.1890, -20.7730

Complementary

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



115.1660, 50.0500, 95.1860



146.8340, -50.0500, -95.1860

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.



109.5890, -83.9870, -47.3070



115.1660, 50.0500, 95.1860



109.6000, 4.5960, -61.2920

Square

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



115.1660, 50.0500, 95.1860



116.8820, 111.5960, 3.9800



94.9120, -49.5490, -76.7250



122.9900, -125.8550, -4.3750

Rectangle

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



115.1660, 50.0500, 95.1860



85.8210, 125.0160, 80.1840



94.9120, -49.5490, -76.7250



116.9020, -103.2010, -29.4810

Sweetspot

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



115.1660, 50.0500, 95.1860



217.4320, 17.6000, 33.4720



60.7480, -58.4220, 56.6020



104.9930, 11.0460, 20.0860



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.



115.1660, 50.0500, 95.1860



108.2500, 68.7500, 130.7500



104.7920, 79.2610, 66.8850



105.5430, 3.0250, 5.7530



72.6880, 48.4000, 92.0480



19.8240, 13.2000, 25.1040

Inverse Universe

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



115.1660, 50.0500, 95.1860



108.2500, 68.7500, 130.7500



157.2080, -79.2610, -66.8850



105.5430, 3.0250, 5.7530



72.6880, 48.4000, 92.0480



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 115.1660, 50.0500, 95.1860 looks on a white background.

Color Contrast Check

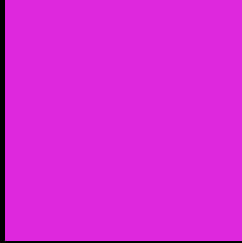
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1660, 50.0500, 95.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

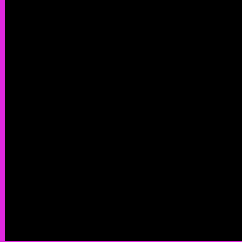
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.1660, 50.0500, 95.1860

Background



This preview shows how black text looks on a background with the YIQ color 115.1660, 50.0500, 95.1860.



This preview shows how white text looks on a background with the YIQ color 115.1660, 50.0500,

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

115.1660, 50.0500, 95.1860

Protanopia

117.9820, -86.7050, 24.0070

Deuteranopia

125.9530, -53.3710, 14.6050



Tritanopia

128.3680, 67.2100, 26.4580

Trichromacy



Original Color

115.1660, 50.0500, 95.1860



Protanomaly

117.2540, -36.7800, 49.8440



Deuteranomaly

121.9880, -15.7800, 43.7080



Tritanomaly

123.8400, 60.9700, 51.4500

Monochromacy



Original Color

115.1660, 50.0500, 95.1860



Achromatopsia

115.0000, -0.0000, 0.0000



Achromatomaly

115.2580, 18.1500, 34.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1660, 50.0500, 95.1860 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(222, 40, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 40, 222)  
}
```

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(222, 40, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 40, 222) }
```

Border

The CSS property to change the border of an element to YIQ 115.1660, 50.0500, 95.1860 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(222, 40, 222) }
```


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

```
.border{ border-color:rgb(222, 40, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 40, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 40, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 40, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 40,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1660, 50.0500, 95.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 40, 222) }
```

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

```
.background{ background-color: rgb(222, 40,  
222) }
```

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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