

Converting Colors

YIQ(116.5820, 79.4920, 57.1880)

Have a look what the booklet for
YIQ(116.5820, 79.4920, 57.1880)
contains.

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Color

**YIQ(116.5820, 79.4920,
57.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	E43A7E
RGB	228, 58, 126
RGB Percent	89%, 23%, 49%
CMY	0.1054, 0.7728, 0.5056
CMYK	0.00, 0.75, 0.45, 0.11
HSL	336°, 76%, 56%
HSV	336°, 75%, 89%
XYZ	37.3108, 21.0396, 21.8559
YIQ	116.5820, 79.4920, 57.1880

Conversions

Conversions Part 2

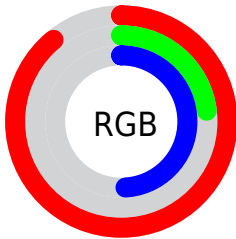
Format	Color
R_{YB}	228, 58, 126
Decimal	14957182
CIE _{Lab}	52.99, 68.72, 1.85
CIE _{LCh}	53, 68.744, 1.543
Yxy	21.0396, 0.4652, 0.2623
Android (android.graphics.Color)	4293147262 (0xFFE43A7E)
YUV	116.5820, 4.6431, 97.7136
Hunter-Lab	45.8690, 64.9248, 3.8575

Details

The YIQ color **116.5820, 79.4920, 57.1880** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **169.4180, -79.4920, -57.1880**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3900, 62.1170, 47.1810**, and **58.7110, 74.8150, 59.3510** is the 20% darker color. If you saturate the color by 10%, you get **101.4850, 90.3110, 64.8630**, and if you desaturate by 10%, it is **131.6790, 68.6730, 49.5130**.

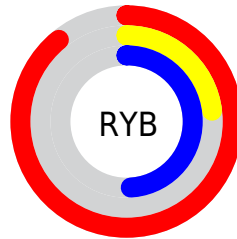
Distribution



Red (89%)

Green (23%)

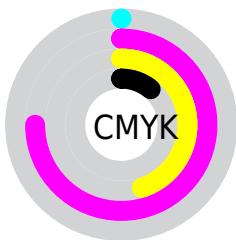
Blue (49%)



Red (89%)

Yellow (23%)

Blue (49%)

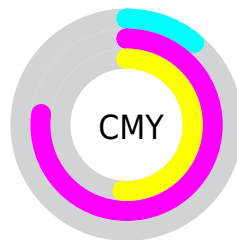


Cyan (0%)

Magenta (75%)

Yellow (45%)

Black (11%)



Cyan (11%)


Magenta (77%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.5820, 79.4920, 57.1880 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 116.5820, 79.4920, 57.1880 by changing the saturation by 10% instead.


 116.5820, 79.4920,
57.1880


 116.5820, 79.4920,
57.1880


255.0000, -0.0000,
-0.0000

 78.0480, 81.4160,
66.3760


 166.5040, 61.7960,
47.4920


 58.7110, 74.8150,
59.3510


 186.6050, 45.1540,
40.7220


 47.2330, 63.9970,
46.1490


 206.8200, 28.1910,
34.2630

 35.8690, 52.8580,
33.2580

 226.8240, 13.2000,
25.1040

 24.8750, 43.5530,
20.1690

 244.4340, 4.9500,
9.4140

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 116.5820, 79.4920,
57.1880

■ 116.5820, 79.4920,
57.1880

■ 101.4850, 90.3110,
64.8630

■ 131.6790, 68.6730,
49.5130

■ 86.5020, 100.8090,
72.8490

■ 146.6620, 58.1750,
41.5270

■ 78.5460, 106.6770,
76.6370

■ 161.1720, 47.6310,
34.3750

■ 176.2690, 36.8120,
26.7000

■ 191.2520, 26.3140,
18.7140

■ 206.3490, 15.4950,
11.0390

■ 221.4460, 4.6760,
3.3640

■ 235.9560, -5.8680,
-3.7880

■ 246.2430,
-14.1660, -7.5900

Harmonies

Analogous

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



126.2630, 38.0900, 58.6180



116.5820, 79.4920, 57.1880



117.2910, 92.4720, 31.1920

Triad

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



116.5820, 79.4920, 57.1880



109.0900, 15.1400, -54.1400



112.6230, -114.5760, -5.0400

Complementary

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



116.5820, 79.4920, 57.1880



169.4180, -79.4920, -57.1880

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.



110.5420, -101.8270, -21.3390



116.5820, 79.4920, 57.1880



94.9870, -62.1610, -57.4010

Square

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



116.5820, 79.4920, 57.1880



118.2250, 55.0250, -33.5750



104.4030, -83.1630, -40.2110



106.1150, -115.5410, 6.9470

Rectangle

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



116.5820, 79.4920, 57.1880



119.7300, 88.7170, 5.6210



104.4030, -83.1630, -40.2110



112.4290, -111.2740, -9.8180

Sweetspot

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



116.5820, 79.4920, 57.1880



218.2520, 26.3140, 18.7140



106.9810, 4.4340, 73.8580



105.7620, 15.7700, 11.5620



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.



116.5820, 79.4920, 57.1880



104.2580, 107.5480, 77.3720



117.0480, 97.4700, 28.7180



107.1580, 5.5470, 4.0990



61.6150, 83.8930, 60.0290



17.5290, 23.9760, 17.0320

Inverse Universe

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



116.5820, 79.4920, 57.1880



104.2580, 107.5480, 77.3720



168.9520, -97.4700, -28.7180



107.1580, 5.5470, 4.0990



61.6150, 83.8930, 60.0290



17.5290, 23.9760, 17.0320

Previews

White Background



This preview shows how the YIQ color 116.5820, 79.4920, 57.1880 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 116.5820, 79.4920, 57.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

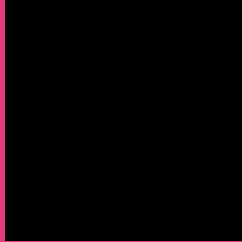
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.5820, 79.4920, 57.1880

Background



This preview shows how black text looks on a background with the YIQ color 116.5820, 79.4920, 57.1880.



This preview shows how white text looks on a background with the YIQ color 116.5820, 79.4920,

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

116.5820, 79.4920, 57.1880

Protanopia

127.5700, -18.8000, 10.3200

Deuteranopia

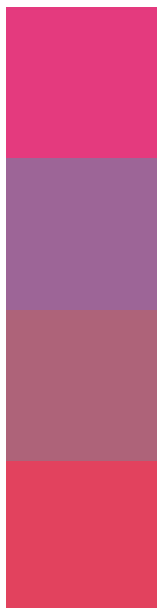
128.4100, 13.5250, 2.6850



Tritanopia

117.5020, 90.5000, 33.8920

Trichromacy



Original Color

116.5820, 79.4920, 57.1880

Protanomaly

123.4440, 17.3260, 27.4220

Deuteranomaly

123.9330, 37.6380, 22.7420

Tritanomaly

117.0320, 86.3720, 42.6280

Monochromacy



Original Color

116.5820, 79.4920, 57.1880

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9750, 28.6520, 20.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.5820, 79.4920, 57.1880 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(228, 58, 126)` looks like.

```
.text, #text, p{  
    color:rgb(228, 58, 126)  
}
```

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(228, 58, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 58, 126) }
```

Border

The CSS property to change the border of an element to YIQ 116.5820, 79.4920, 57.1880 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(228, 58, 126) }
```


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

```
.border{ border-color:rgb(228, 58, 126) }
```

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

Here you see how a box with a 4 pixel rgb(228, 58, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 58, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 58, 126);  
box-shadow:4px 4px 4px 4px rgb(228, 58,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 116.5820, 79.4920, 57.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 58, 126) }
```

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

```
.background{ background-color: rgb(228, 58,  
126) }
```

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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