

Converting Colors

YIQ(116.0190, 79.2190, 45.6110)

Have a look what the booklet for
YIQ(116.0190, 79.2190, 45.6110)
contains.

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Color

**YIQ(116.0190, 79.2190,
45.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	DC416A
RGB	220, 65, 106
RGB Percent	86%, 25%, 42%
CMY	0.1369, 0.7453, 0.5840
CMYK	0.00, 0.70, 0.52, 0.14
HSL	344°, 69%, 56%
HSV	344°, 70%, 86%
XYZ	34.0375, 20.0466, 15.7307
YIQ	116.0190, 79.2190, 45.6110

Conversions

Conversions Part 2

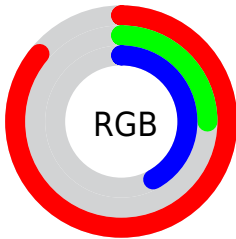
Format	Color
R_{YB}	220, 65, 106
Decimal	14434666
CIE _{Lab}	51.89, 62.44, 12.11
CIE _{LCh}	52, 63.601, 10.974
Yxy	20.0466, 0.4875, 0.2871
Android (android.graphics.Color)	4292624746 (0xFFDC416A)
YUV	116.0190, -4.9394, 91.1913
Hunter-Lab	44.7734, 57.3452, 10.5104

Details

The YIQ color **116.0190, 79.2190, 45.6110** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **168.9810, -79.2190, -45.6110**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3440, 67.7580, 38.5580**, and **54.2670, 75.8250, 52.0570** is the 20% darker color. If you saturate the color by 10%, you get **101.2810, 90.4050, 52.1410**, and if you desaturate by 10%, it is **130.7570, 68.0330, 39.0810**.

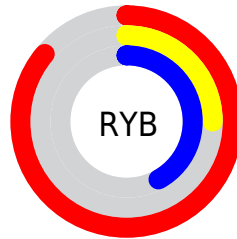
Distribution



Red (86%)

Green (25%)

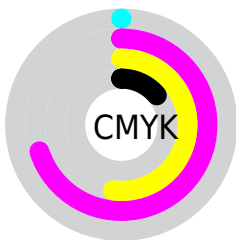
Blue (42%)



Red (86%)

Yellow (25%)

Blue (42%)

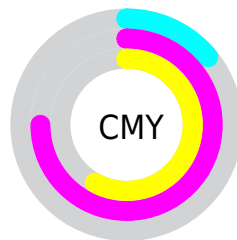


Cyan (0%)

Magenta (70%)

Yellow (52%)

Black (14%)



Cyan (14%)


Magenta (75%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.0190, 79.2190, 45.6110 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 116.0190, 79.2190, 45.6110 by changing the saturation by 10% instead.


 116.0190, 79.2190,
45.6110

 116.0190, 79.2190,
45.6110


255.0000, -0.0000,
-0.0000


 83.4690, 78.0720,
49.8800


 166.3440, 67.7580,
38.5580


 54.2670, 75.8250,
52.0570

 186.4450, 51.1160,
31.7880


 42.9030, 64.6860,
39.1660


 205.9590, 34.7490,
25.5410

 31.6530, 53.2260,
26.5860

 226.2880, 17.4650,
19.3930

 21.4570, 41.6740,
15.6740

 245.6080, 4.4000,
8.3680

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 116.0190, 79.2190,
45.6110

■ 116.0190, 79.2190,
45.6110

■ 101.2810, 90.4050,
52.1410

■ 130.7570, 68.0330,
39.0810

■ 86.5430, 101.5910,
58.6710

■ 145.4950, 56.8470,
32.5510

■ 72.3920, 112.5020,
64.6780

■ 160.3470, 45.3400,
26.3320

■ 175.0850, 34.1540,
19.8020

■ 189.8230, 22.9680,
13.2720

■ 204.5610, 11.7820,
6.7420

■ 219.2990, 0.5960,
0.2120

■ 234.0370,
-10.5900, -6.3180

■ 244.1930,
-19.8970, -8.3530

Harmonies

Analogous

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



121.9020, 49.2320, 54.9280



116.0190, 79.2190, 45.6110



117.3680, 84.4050, 17.6930

Triad

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



116.0190, 79.2190, 45.6110



106.2310, -7.0060, -49.2620



107.4710, -111.0920, -2.1000

Complementary

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



116.0190, 79.2190, 45.6110



168.9810, -79.2190, -45.6110

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.



108.4050, -102.6990, -16.5470



116.0190, 79.2190, 45.6110



95.5060, -67.7560, -49.6120

Square

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



116.0190, 79.2190, 45.6110



114.0060, 42.2800, -39.3840



103.7650, -86.8780, -33.4540



99.1220, -108.2510, 6.9890

Rectangle

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



116.0190, 79.2190, 45.6110



117.4910, 78.7240, -6.0120



103.7650, -86.8780, -33.4540



108.9070, -109.6240, -6.6800

Sweetspot

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



116.0190, 79.2190, 45.6110



218.8560, 27.3690, 16.1130



116.7560, 18.1890, 72.3730



106.4800, 16.5040, 9.2720



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.



116.0190, 79.2190, 45.6110



109.4950, 110.7140, 64.0420



132.4770, 82.4800, 14.0320



102.6310, 5.5930, 3.2650



56.9710, 88.3420, 50.9820



15.1220, 23.5640, 13.4840

Inverse Universe

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



116.0190, 79.2190, 45.6110



109.4950, 110.7140, 64.0420



152.5230, -82.4800, -14.0320



102.6310, 5.5930, 3.2650



56.9710, 88.3420, 50.9820



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 116.0190, 79.2190, 45.6110 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 116.0190, 79.2190, 45.6110 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 116.0190, 79.2190, 45.6110

Background



This preview shows how black text looks on a background with the YIQ color 116.0190, 79.2190, 45.6110.



This preview shows how white text looks on a background with the YIQ color 116.0190, 79.2190,

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

116.0190, 79.2190, 45.6110

Protanopia

124.5960, -4.4940, 4.3540

Deuteranopia

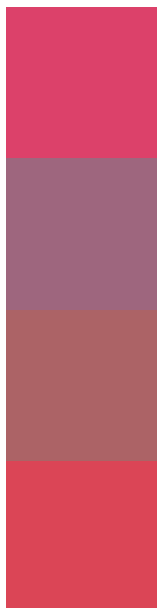
124.4940, 21.9160, -0.7080



Tritanopia

115.4090, 86.3280, 32.4080

Trichromacy



Original Color

116.0190, 79.2190, 45.6110

Protanomaly

121.4800, 25.6720, 19.3360

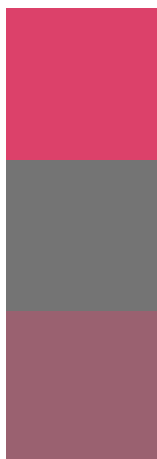
Deuteranomaly

121.1690, 42.5450, 16.4090

Tritanomaly

115.7880, 83.9430, 37.0870

Monochromacy



Original Color

116.0190, 79.2190, 45.6110

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7530, 29.1570, 16.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0190, 79.2190, 45.6110 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(220, 65, 106)` looks like.

```
.text, #text, p{  
    color:rgb(220, 65, 106)  
}
```

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(220, 65, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 65, 106) }
```

Border

The CSS property to change the border of an element to YIQ 116.0190, 79.2190, 45.6110 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(220, 65, 106) }
```


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

```
.border{ border-color:rgb(220, 65, 106) }
```

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

Here you see how a box with a 4 pixel rgb(220, 65, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 65, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 65, 106);  
box-shadow:4px 4px 4px 4px rgb(220, 65,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0190, 79.2190, 45.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 65, 106) }
```

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

```
.background{ background-color: rgb(220, 65,  
106) }
```

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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