

Converting Colors

YIQ(116.3430, 43.1360, 44.2560)

Have a look what the booklet for
YIQ(116.3430, 43.1360, 44.2560)
contains.

YIQ(116.3430, 43.1360, 44.2560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(116.3430, 43.1360,
44.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	B94C90
RGB	185, 76, 144
RGB Percent	73%, 30%, 56%
CMY	0.2742, 0.7021, 0.4352
CMYK	0.00, 0.59, 0.22, 0.27
HSL	323°, 44%, 51%
HSV	323°, 59%, 73%
XYZ	27.6438, 17.5010, 28.3187
YIQ	116.3430, 43.1360, 44.2560

Conversions

Conversions Part 2

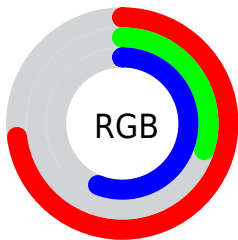
Format	Color
RYB	185, 76, 144
Decimal	12143760
CIELab	48.89, 51.60, -15.79
CIELCh	49, 53.961, 342.982
Yxy	17.5010, 0.3763, 0.2382
Android (android.graphics.Color)	4290333840 (0xFFB94C90)
YUV	116.3430, 13.6349, 60.2122
Hunter-Lab	41.8342, 44.7420, -10.8511

Details

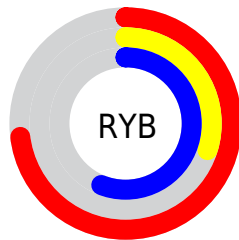
The YIQ color **116.3430, 43.1360, 44.2560** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.6570, -43.1360, -44.2560**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8380, 46.1160, 45.3160**, and **58.0920, 42.5850, 48.7370** is the 20% darker color. If you saturate the color by 10%, you get **104.3920, 50.6080, 52.0160**, and if you desaturate by 10%, it is **127.7070, 35.9390, 37.0190**.

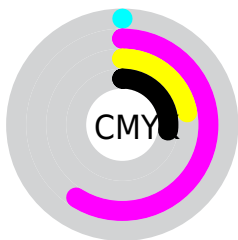
Distribution



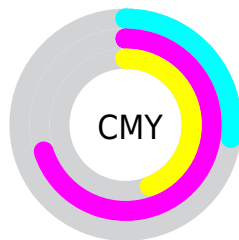
- Red (73%)
- Green (30%)
- Blue (56%)



- Red (73%)
- Yellow (30%)
- Blue (56%)



- Cyan (0%)
- Magenta (59%)
- Yellow (22%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.3430, 43.1360, 44.2560 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 116.3430, 43.1360, 44.2560 by changing the saturation by 10% instead.


 116.3430, 43.1360,
44.2560


 116.3430, 43.1360,
44.2560


255.0000, -0.0000,
-0.0000


 88.5710, 42.4940,
44.8780


 171.8380, 46.1160,
45.3160


 58.0920, 42.5850,
48.7370


 194.1680, 36.2590,
42.2350

 38.1790, 37.7260,
43.1820


 214.4970, 18.9750,
36.0870

 27.7830, 29.6130,
30.5170

 230.9330, 11.2750,
21.4430

 18.3270, 21.7290,
19.2090

 247.9560, 3.3000,
6.2760

 2.9900, 5.9600,
2.1200

 0.0000, 0.0000,

0.0000

■ 116.3430, 43.1360,
44.2560

■ 116.3430, 43.1360,
44.2560

■ 104.3920, 50.6080,
52.0160

■ 127.7070, 35.9390,
37.0190

■ 93.0280, 57.8050,
59.2530

■ 139.6580, 28.4670,
29.2590

■ 81.0770, 65.2770,
67.0130

■ 151.0220, 21.2700,
22.0220

■ 69.7130, 72.4740,
74.2500

■ 162.9730, 13.7980,
14.2620

■ 68.4250, 73.3450,
74.9850

■ 174.3370, 6.6010,
7.0250

■ 186.2880, -0.8710,
-0.7350

■ 198.2390, -8.3430,
-8.4950

■ 209.6030,
-15.5400, -15.7320

■ 221.5540,
-23.0120, -23.4920

Harmonies

Analogous

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



119.4980, 0.0390, 37.8550



116.3430, 43.1360, 44.2560



112.0510, 67.0250, 35.3210

Triad

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



116.3430, 43.1360, 44.2560



107.2320, 35.9520, -34.8320



100.1240, -94.5380, -15.7700

Complementary

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



116.3430, 43.1360, 44.2560



144.6570, -43.1360, -44.2560

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.



96.3960, -81.2850, -30.1890



116.3430, 43.1360, 44.2560



101.6580, -9.3460, -39.8900

Square

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



116.3430, 43.1360, 44.2560



111.0540, 60.6610, -14.5630



89.8640, -65.6480, -43.7600



98.2780, -100.3630, -3.8110

Rectangle

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



116.3430, 43.1360, 44.2560



112.2450, 71.7500, 21.2700



89.8640, -65.6480, -43.7600



99.2290, -90.6400, -20.3360

Sweetspot

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



116.3430, 43.1360, 44.2560



212.8210, 17.2820, 17.2020



100.3860, -11.1490, 42.3790



103.0110, 10.6350, 11.0110



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.3430, 43.1360, 44.2560



132.9140, 67.2940, 69.0060



110.3010, 60.1490, 27.7730



86.2610, 3.7590, 3.4630



57.7020, 61.8390, 63.2390



10.3100, 11.2310, 11.2230

Inverse Universe

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



116.3430, 43.1360, 44.2560



132.9140, 67.2940, 69.0060



150.8130, -60.4700, -27.4620



86.2610, 3.7590, 3.4630



57.7020, 61.8390, 63.2390



10.3100, 11.2310, 11.2230

Previews

White Background



This preview shows how the YIQ color 116.3430, 43.1360, 44.2560 looks on a white background.

Color Contrast Check

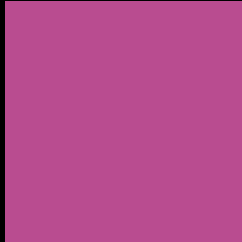
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 116.3430, 43.1360, 44.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

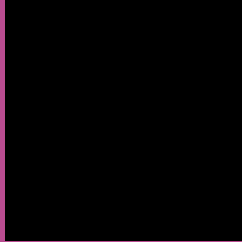
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.3430, 43.1360, 44.2560

Background



This preview shows how black text looks on a background with the YIQ color 116.3430, 43.1360, 44.2560.



This preview shows how white text looks on a background with the YIQ color 116.3430, 43.1360,

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

116.3430, 43.1360, 44.2560

Protanopia

116.2300, -29.3460, 14.2220

Deuteranopia

117.9320, -5.3200, 8.3120



Tritanopia

116.1920, 52.9060, 21.3700

Trichromacy



Original Color

116.3430, 43.1360, 44.2560

Protanomaly

116.3260, -2.8930, 24.9070

Deuteranomaly

117.1180, 12.1920, 21.3440

Tritanomaly

116.4940, 49.4200, 29.4840

Monochromacy



Original Color

116.3430, 43.1360, 44.2560

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8100, 15.8150, 16.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.3430, 43.1360, 44.2560 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(185, 76, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 76, 144)  
}
```

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(185, 76, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 76, 144) }
```

Border

The CSS property to change the border of an element to YIQ 116.3430, 43.1360, 44.2560 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(185, 76, 144) }
```


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

```
.border{ border-color:rgb(185, 76, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 76, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 76, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 76, 144);  
box-shadow:4px 4px 4px 4px rgb(185, 76,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 116.3430, 43.1360, 44.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 76, 144) }
```

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

```
.background{ background-color: rgb(185, 76,  
144) }
```

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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