

Converting Colors

YIQ(111.4230, 50.4640, 87.6800)

Have a look what the booklet for
YIQ(111.4230, 50.4640, 87.6800)
contains.

YIQ(111.4230, 50.4640, 87.6800)	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(111.4230, 50.4640,
87.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	D629CD
RGB	214, 41, 205
RGB Percent	84%, 16%, 80%
CMY	0.1603, 0.8395, 0.1960
CMYK	0.00, 0.81, 0.04, 0.16
HSL	303°, 68%, 50%
HSV	303°, 81%, 84%
XYZ	39.5819, 20.3054, 59.6026
YIQ	111.4230, 50.4640, 87.6800

Conversions

Conversions Part 2

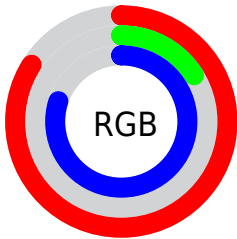
Format	Color
R_{YB}	214, 41, 205
Decimal	14035405
CIE Lab	52.18, 79.50, -46.05
CIE LCh	52, 91.877, 329.918
Yxy	20.3054, 0.3313, 0.1699
Android (android.graphics.Color)	4292225485 (0xFFD629CD)
YUV	111.4230, 46.1335, 89.9600
Hunter-Lab	45.0615, 77.9363, -46.8794

Details

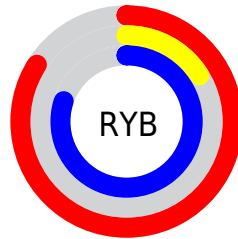
The YIQ color **111.4230, 50.4640, 87.6800** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **143.5770, -50.4640, -87.6800**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 40.1500, 76.3580**, and **63.4450, 44.2300, 79.5100** is the 20% darker color. If you saturate the color by 10%, you get **98.9820, 56.5600, 98.3520**, and if you desaturate by 10%, it is **123.8640, 44.3680, 77.0080**.

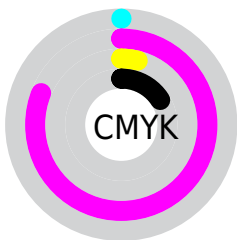
Distribution



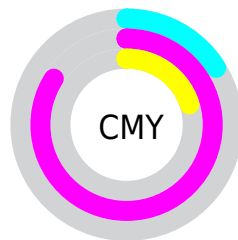
- Red (84%)
- Green (16%)
- Blue (80%)



- Red (84%)
- Yellow (16%)
- Blue (80%)



- Cyan (0%)
- Magenta (81%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.4230, 50.4640, 87.6800 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 111.4230, 50.4640, 87.6800 by changing the saturation by 10% instead.


 111.4230, 50.4640,
87.6800


 111.4230, 50.4640,
87.6800


255.0000, -0.0000,
-0.0000


 75.1940, 52.8470,
94.0550


 169.2980, 40.1500,
76.3580


 63.4450, 44.2300,
79.5100


 186.9080, 31.9000,
60.6680


 51.8100, 35.2920,
65.2760


 204.5180, 23.6500,
44.9780

 40.1750, 26.3540,
51.0420

 221.5410, 15.6750,
29.8110

 29.3660, 17.9660,
37.8540

 239.1510, 7.4250,
14.1210

 17.9590, 8.3860,
24.2420

 3.1920, -8.9880,

8.7080

■ 0.0000, 0.0000,
0.0000

■ 111.4230, 50.4640,
87.6800

■ 111.4230, 50.4640,
87.6800

■ 98.9820, 56.5600,
98.3520

■ 123.8640, 44.3680,
77.0080

■ 87.1280, 62.3810,
108.5010

■ 136.8920, 37.9970,
65.8130

■ 149.3330, 31.9010,
55.1410

■ 162.4750, 25.2090,
44.2570

■ 174.9160, 19.1130,
33.5850

■ 187.3570, 13.0170,
22.9130

■ 200.3850, 6.6460,
11.7180

■ 212.8260, 0.5500,
1.0460

■ 225.8540, -5.8210,
-10.1490

Harmonies

Analogous

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



120.0290, -49.3880, 47.0600



111.4230, 50.4640, 87.6800



90.5380, 110.2960, 93.6560

Triad

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



111.4230, 50.4640, 87.6800



117.0620, 57.0420, -31.5820



114.6000, -107.7420, -18.7660

Complementary

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



111.4230, 50.4640, 87.6800



143.5770, -50.4640, -87.6800

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.



104.8930, -81.7870, -43.1230



111.4230, 50.4640, 87.6800



103.9850, 2.0740, -59.6380

Square

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



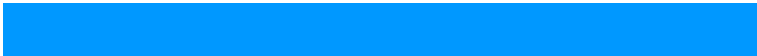
111.4230, 50.4640, 87.6800



112.9840, 102.3810, 0.2770



92.3990, -52.1180, -68.7100



118.2940, -123.6550, -0.1910

Rectangle

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



111.4230, 50.4640, 87.6800



85.0230, 127.2630, 78.0070



92.3990, -52.1180, -68.7100



111.6360, -99.3960, -26.8520

Sweetspot

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



111.4230, 50.4640, 87.6800



218.8510, 17.7380, 30.9700



63.4130, -50.1690, 55.7110



106.0530, 10.8170, 18.7290



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.



111.4230, 50.4640, 87.6800



108.5290, 72.0980, 125.1380



101.6190, 78.0700, 60.9340



100.5430, 3.0250, 5.7530



69.5970, 49.9140, 86.6340



17.5310, 12.4670, 21.8670

Inverse Universe

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



111.4230, 50.4640, 87.6800



108.5290, 72.0980, 125.1380



153.3810, -78.0700, -60.9340



100.5430, 3.0250, 5.7530



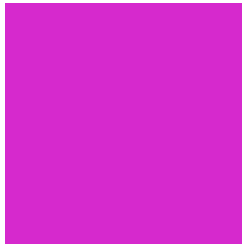
69.5970, 49.9140, 86.6340



17.5310, 12.4670, 21.8670

Previews

White Background



This preview shows how the YIQ color 111.4230, 50.4640, 87.6800 looks on a white background.

Color Contrast Check

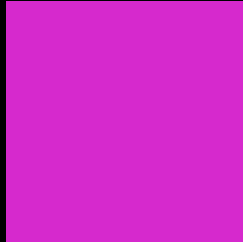
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.4230, 50.4640, 87.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

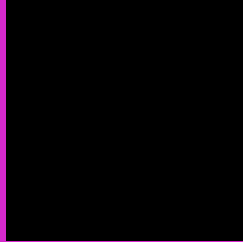
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.4230, 50.4640, 87.6800

Background



This preview shows how black text looks on a background with the YIQ color 111.4230, 50.4640, 87.6800.



This preview shows how white text looks on a background with the YIQ color 111.4230, 50.4640,

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

111.4230, 50.4640, 87.6800

Protanopia

104.8810, -105.5940, 19.4140

Deuteranopia

122.4010, -43.0090, 14.0390



Tritanopia

122.0690, 66.6140, 26.2460

Trichromacy



Original Color

111.4230, 50.4640, 87.6800



Protanomaly

107.3340, -48.9290, 44.2470



Deuteranomaly

118.1150, -8.9480, 41.0360



Tritanomaly

117.9600, 60.5120, 48.7360

Monochromacy



Original Color

111.4230, 50.4640, 87.6800



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.5630, 18.6090, 31.7050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.4230, 50.4640, 87.6800 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(214, 41, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 41, 205)  
}
```

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(214, 41, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 41, 205) }
```

Border

The CSS property to change the border of an element to YIQ 111.4230, 50.4640, 87.6800 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(214, 41, 205) }
```


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

```
.border{ border-color:rgb(214, 41, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 41, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 41, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 41, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 41,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 111.4230, 50.4640, 87.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 41, 205) }
```

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

```
.background{ background-color: rgb(214, 41,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor