

Converting Colors

YIQ(111.5320, 22.1760, 82.7200)

Have a look what the booklet for
YIQ(111.5320, 22.1760, 82.7200)
contains.

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Color

**YIQ(111.5320, 22.1760,
82.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	B834E4
RGB	184, 52, 228
RGB Percent	72%, 20%, 89%
CMY	0.2780, 0.7963, 0.1059
CMYK	0.19, 0.77, 0.00, 0.11
HSL	285°, 77%, 55%
HSV	285°, 77%, 89%
XYZ	35.0205, 18.2555, 75.0677
YIQ	111.5320, 22.1760, 82.7200

Conversions

Conversions Part 2

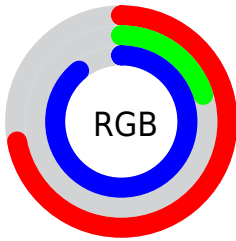
Format	Color
RYB	184, 52, 228
Decimal	12072164
CIELab	49.80, 74.81, -63.23
CIELCh	50, 97.951, 319.797
Yxy	18.2555, 0.2729, 0.1422
Android (android.graphics.Color)	4290262244 (0xFFB834E4)
YUV	111.5320, 57.4187, 63.5544
Hunter-Lab	42.7265, 71.5350, -74.2602

Details

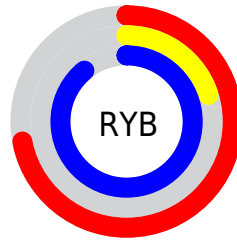
The YIQ color **111.5320, 22.1760, 82.7200** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **168.4680, -22.1760, -82.7200**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3570, 32.4940, 71.9340**, and **57.1680, 20.2050, 79.8930** is the 20% darker color. If you saturate the color by 10%, you get **96.2370, 24.9250, 93.4770**, and if you desaturate by 10%, it is **126.8270, 19.4270, 71.9630**.

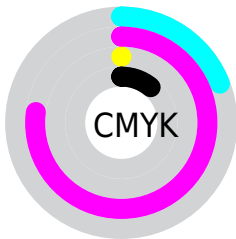
Distribution



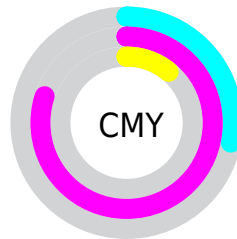
- Red (72%)
- Green (20%)
- Blue (89%)



- Red (72%)
- Yellow (20%)
- Blue (89%)



- Cyan (19%)
- Magenta (77%)
- Yellow (0%)
- Black (11%)





- Cyan (28%)
- Magenta (80%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.5320, 22.1760, 82.7200 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 111.5320, 22.1760, 82.7200 by changing the saturation by 10% instead.


 111.5320, 22.1760,
82.7200


 111.5320, 22.1760,
82.7200


255.0000, -0.0000,
-0.0000


 70.2050, 27.9510,
93.7030

 168.3570, 32.4940,
71.9340


 57.1680, 20.2050,
79.8930


 188.6690, 31.0750,
59.0990

 45.4190, 11.5880,
65.3480


 205.6920, 23.1000,
43.9320

 33.4850, 2.0540,
50.9020

 222.7150, 15.1250,
28.7650

 22.7470, -5.0960,
37.3040

 239.7380, 7.1500,
13.5980

 7.6380, -21.5070,
20.8370

 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 111.5320, 22.1760,
82.7200

■ 111.5320, 22.1760,
82.7200

■ 96.2370, 24.9250,
93.4770

■ 126.8270, 19.4270,
71.9630

■ 81.2410, 28.2700,
104.4460

■ 141.8230, 16.0820,
60.9940

■ 77.1210, 28.7280,
107.1600

■ 156.5310, 13.6080,
50.7600

■ 171.8260, 10.8590,
40.0030

■ 187.1210, 8.1100,
29.2460

■ 202.1170, 4.7650,
18.2770

■ 217.4120, 2.0160,
7.5200

■ 232.1200, -0.4580,
-2.7140

■ 245.9420, -3.2530,
-12.6370

Harmonies

Analogous

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



93.6400, -112.1050, 21.7750



111.5320, 22.1760, 82.7200



90.7680, 98.1450, 99.1130

Triad

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



111.5320, 22.1760, 82.7200



111.8670, 71.2530, -19.2990



108.3590, -97.0580, -25.1700

Complementary

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



111.5320, 22.1760, 82.7200



168.4680, -22.1760, -82.7200

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.



97.2670, -68.5810, -51.1810



111.5320, 22.1760, 82.7200



104.4050, 18.8070, -49.0090

Square

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



111.5320, 22.1760, 82.7200



98.0870, 118.9290, 19.7690



83.9410, -39.3250, -74.7890



115.6210, -120.2620, -1.1100

Rectangle

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



111.5320, 22.1760, 82.7200



87.1890, 121.1640, 83.9160



83.9410, -39.3250, -74.7890



104.5800, -87.7950, -33.3550

Sweetspot

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



111.5320, 22.1760, 82.7200



215.8820, 7.2850, 27.6770



97.8920, -68.5960, 31.7240



104.1770, 4.5360, 16.9200



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.



111.5320, 22.1760, 82.7200



98.2400, 30.0110, 111.4430



119.6720, 62.5240, 78.3640



107.0590, 1.5120, 5.6400



60.4720, 22.4050, 84.0770



17.1760, 6.2770, 23.9170

Inverse Universe

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



109.6400, 90.7720, 50.9960



95.5890, 122.3130, 68.5930



160.3280, -62.5240, -78.3640



106.9300, 6.1890, 3.4770



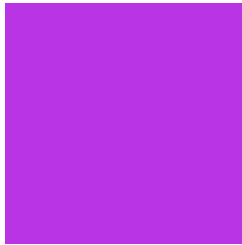
58.5370, 92.5600, 51.6320



16.7310, 26.2230, 14.8550

Previews

White Background



This preview shows how the YIQ color 111.5320, 22.1760, 82.7200 looks on a white background.

Color Contrast Check

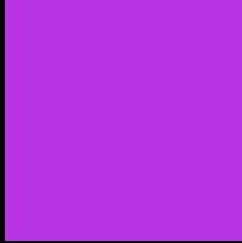
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.5320, 22.1760, 82.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

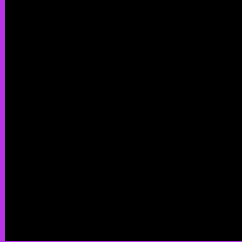
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.5320, 22.1760, 82.7200

Background



This preview shows how black text looks on a background with the YIQ color 111.5320, 22.1760, 82.7200.



This preview shows how white text looks on a background with the YIQ color 111.5320, 22.1760,

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

111.5320, 22.1760, 82.7200

Protanopia

95.0930, -109.3070, 15.1170

Deuteranopia

95.4230, -101.9690, 3.2710



Tritanopia

119.8310, 37.6850, 16.3810

Trichromacy



Original Color

111.5320, 22.1760, 82.7200



Protanomaly

101.0550, -61.4450, 39.7950



Deuteranomaly

101.3510, -56.7670, 32.1050



Tritanomaly

116.9610, 32.4080, 40.4400

Monochromacy



Original Color

111.5320, 22.1760, 82.7200



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

111.6480, 8.0640, 30.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.5320, 22.1760, 82.7200 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(184, 52, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 52, 228)  
}
```

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(184, 52, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 52, 228) }
```

Border

The CSS property to change the border of an element to YIQ 111.5320, 22.1760, 82.7200 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(184, 52, 228) }
```


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

```
.border{ border-color:rgb(184, 52, 228) }
```

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

Here you see how a box with a 4 pixel rgb(184, 52, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 52, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 52, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 52,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 111.5320, 22.1760, 82.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 52, 228) }
```

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

```
.background{ background-color: rgb(184, 52,  
228) }
```

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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