

Converting Colors

YIQ(86.7360, 22.0820, 95.4420)

Have a look what the booklet for
YIQ(86.7360, 22.0820, 95.4420)
contains.

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Color

**YIQ(86.7360, 22.0820,
95.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	A713E1
RGB	167, 19, 225
RGB Percent	65%, 7%, 88%
CMY	0.3446, 0.9257, 0.1177
CMYK	0.26, 0.92, 0.00, 0.12
HSL	283°, 84%, 48%
HSV	283°, 92%, 88%
XYZ	29.7822, 14.1277, 72.3783
YIQ	86.7360, 22.0820, 95.4420

Conversions

Conversions Part 2

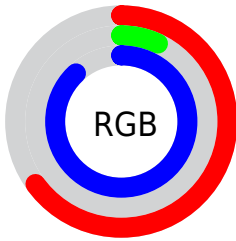
Format	Color
R_{YB}	167, 19, 225
Decimal	10949601
CIE _{Lab}	44.42, 79.19, -70.38
CIE _{LCh}	44, 105.950, 318.372
Yxy	14.1277, 0.2561, 0.1215
Android (android.graphics.Color)	4289139681 (0xFFA713E1)
YUV	86.7360, 68.1642, 70.3915
Hunter-Lab	37.5869, 75.6584, -87.8595

Details

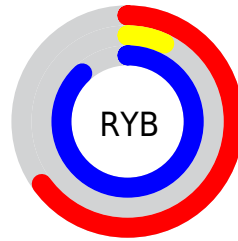
The YIQ color **86.7360, 22.0820, 95.4420** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **157.2640, -22.0820, -95.4420**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.9470, 28.1370, 79.3130**, and **51.4440, 10.4400, 75.1440** is the 20% darker color. If you saturate the color by 10%, you get **74.0880, 24.3270, 104.3190**, and if you desaturate by 10%, it is **101.4440, 19.6080, 85.2080**.

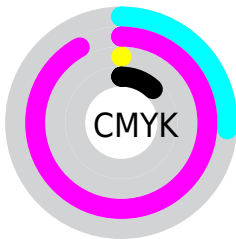
Distribution



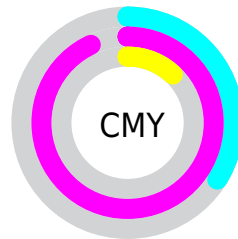
- Red (65%)
- Green (7%)
- Blue (88%)



- Red (65%)
- Yellow (7%)
- Blue (88%)



- Cyan (26%)
- Magenta (92%)
- Yellow (0%)
- Black (12%)



- Cyan (34%)
- Magenta (93%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.7360, 22.0820, 95.4420 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 86.7360, 22.0820, 95.4420 by changing the saturation by 10% instead.

86.7360, 22.0820,
95.4420

86.7360, 22.0820,
95.4420

255.0000, -0.0000,
-0.0000

63.3070, 18.7360,
90.0000

150.9470, 28.1370,
79.3130

51.4440, 10.4400,
75.1440

176.9290, 36.5750,
69.5590

39.3960, 1.2270,
60.3870

193.9520, 28.6000,
54.3920

26.8640, -9.4990,
45.5170

210.9750, 20.6250,
39.2250

10.4450, -27.9730,
27.8910

228.5850, 12.3750,
23.5350

7.2960, -20.5440,
19.9040

246.1950, 4.1250,

6.4350, -13.9860,

7.8450

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 86.7360, 22.0820,
95.4420

■ 86.7360, 22.0820,
95.4420

■ 74.0880, 24.3270,
104.3190

■ 101.4440, 19.6080,
85.2080

■ 117.0380, 17.4550,
74.6630

■ 131.7460, 14.9810,
64.4290

■ 147.0410, 12.2320,
53.6720

■ 162.0480, 10.3540,
43.6500

■ 177.3430, 7.6050,
32.8930

■ 192.0510, 5.1310,
22.6590

■ 207.6450, 2.9780,
12.1140

■ 222.3530, 0.5040,
1.8800

Harmonies

Analogous

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



87.7700, -109.3550, 27.0050



86.7360, 22.0820, 95.4420



86.8660, 94.7530, 94.5050

Triad

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



86.7360, 22.0820, 95.4420



98.8870, 68.5010, -13.4750



98.5450, -88.7140, -22.2020

Complementary

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



86.7360, 22.0820, 95.4420



157.2640, -22.0820, -95.4420

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.



86.1820, -58.0360, -49.5560



86.7360, 22.0820, 95.4420



91.1040, 12.5250, -45.2910

Square

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



86.7360, 22.0820, 95.4420



63.9860, 127.5440, 45.3680



75.7230, -35.4750, -67.4670



107.6650, -114.3940, 2.6780

Rectangle

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



86.7360, 22.0820, 95.4420



83.9560, 120.2020, 79.3220



75.7230, -35.4750, -67.4670



94.5380, -78.8090, -31.0090

Sweetspot

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



86.7360, 22.0820, 95.4420



208.8160, 7.6510, 32.0590



76.5300, -82.0760, 33.7320



100.3450, 4.1230, 18.8990



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.



86.7360, 22.0820, 95.4420



83.7870, 27.2130, 118.1010



98.9480, 71.0950, 93.7430



104.6460, 1.2370, 5.1170



58.0370, 19.1960, 81.6600



15.9370, 5.4520, 22.3480

Inverse Universe

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



87.2060, 104.1580, 61.7100



84.4530, 128.8680, 76.4520



145.0520, -71.0950, -93.7430



104.6310, 5.5930, 3.2650



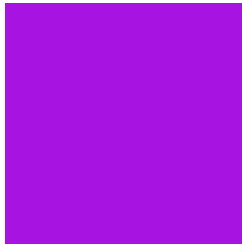
58.2100, 89.1670, 52.5510



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 86.7360, 22.0820, 95.4420 looks on a white background.

Color Contrast Check

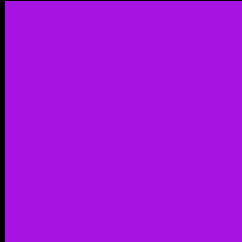
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.7360, 22.0820, 95.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

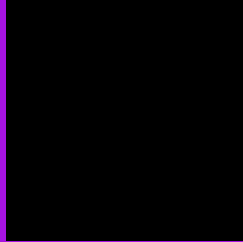
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.7360, 22.0820, 95.4420

Background



This preview shows how black text looks on a background with the YIQ color 86.7360, 22.0820, 95.4420.



This preview shows how white text looks on a background with the YIQ color 86.7360, 22.0820,

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

86.7360, 22.0820, 95.4420

Protanopia

84.4980, -97.3860, 13.8300

Deuteranopia

84.8280, -90.0480, 1.9840



Tritanopia

107.1400, 32.3210, 14.4730

Trichromacy



Original Color

86.7360, 22.0820, 95.4420



Protanomaly

85.4690, -53.7430, 43.3850



Deuteranomaly

85.7650, -49.0650, 35.6950



Tritanomaly

99.9160, 28.2810, 43.6490

Monochromacy



Original Color

86.7360, 22.0820, 95.4420



Achromatopsia

87.0000, -0.0000, -0.0000



Achromatomaly

86.6960, 8.1090, 34.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.7360, 22.0820, 95.4420 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(167, 19, 225)` looks like.

```
.text, #text, p{  
    color:rgb(167, 19, 225)  
}
```

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(167, 19, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 19, 225) }
```

Border

The CSS property to change the border of an element to YIQ 86.7360, 22.0820, 95.4420 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(167, 19, 225) }
```


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

```
.border{ border-color:rgb(167, 19, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 19, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 19, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 19, 225);  
box-shadow:4px 4px 4px 4px rgb(167, 19,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 86.7360, 22.0820, 95.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 19, 225) }
```

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

```
.background{ background-color: rgb(167, 19,  
225) }
```

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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