

Converting Colors

YIQ(106.3360, 56.4640,
122.1280)

Have a look what the booklet for
YIQ(106.3360, 56.4640, 122.1280)
contains.

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Color

**YIQ(106.3360, 56.4640,
122.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	EC0CFC
RGB	236, 12, 252
RGB Percent	93%, 5%, 99%
CMY	0.0738, 0.9532, 0.0117
CMYK	0.06, 0.95, 0.00, 0.01
HSL	296°, 98%, 52%
HSV	296°, 95%, 99%
XYZ	52.3525, 25.1522, 94.1991
YIQ	106.3360, 56.4640, 122.1280

Conversions

Conversions Part 2

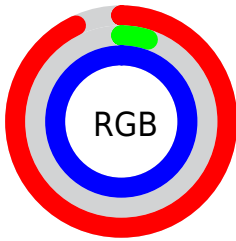
Format	Color
R _Y B	236, 12, 252
Decimal	15469820
CIE Lab	57.22, 94.24, -64.32
CIE LCh	57, 114.102, 325.685
Yxy	25.1522, 0.3049, 0.1465
Android (android.graphics.Color)	4293659900 (0xFFEC0CFC)
YUV	106.3360, 71.8124, 113.7153
Hunter-Lab	50.1520, 98.5657, -76.2564

Details

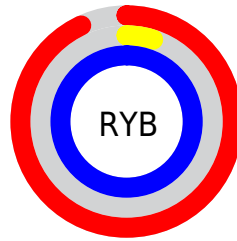
The YIQ color **106.3360, 56.4640, 122.1280** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **157.6640, -56.4640, -122.1280**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.3630, 41.5250, 78.9730**, and **74.4410, 42.0260, 97.4340** is the 20% darker color. If you saturate the color by 10%, you get **98.9930, 59.1680, 128.1920**, and if you desaturate by 10%, it is **121.6090, 50.7810, 109.4770**.

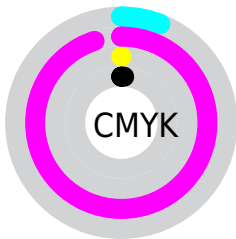
Distribution



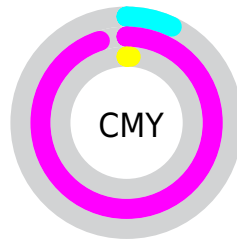
- Red (93%)
- Green (5%)
- Blue (99%)



- Red (93%)
- Yellow (5%)
- Blue (99%)



- Cyan (6%)
- Magenta (95%)
- Yellow (0%)
- Black (1%)





- Cyan (7%)
- Magenta (95%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.3360, 56.4640, 122.1280 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 106.3360, 56.4640, 122.1280 by changing the saturation by 10% instead.


 106.3360, 56.4640,
122.1280


 106.3360, 56.4640,
122.1280


255.0000, -0.0000,
-0.0000


 86.7170, 50.5970,
112.8130


 166.3630, 41.5250,
78.9730


 74.4410, 42.0260,
97.4340


 185.1470, 32.7250,
62.2370

 62.3930, 32.8130,
82.6770

 203.3440, 24.2000,
46.0240

 50.2310, 23.9210,
67.6090

 221.5410, 15.6750,
29.8110

 38.2970, 14.3870,
53.1630

 239.7380, 7.1500,
13.5980

 27.0750, 5.7240,
39.4520

 13.7600, -7.1110,

24.2570

■ 6.3210, -13.6650,
10.8710

■ 2.5250, -5.7320,
4.7640

■ 106.3360, 56.4640,
122.1280

■ 106.3360, 56.4640,
122.1280

■ 98.9930, 59.1680,
128.1920

■ 121.6090, 50.7810,
109.4770

■ 136.8820, 45.0980,
96.8260

■ 152.4430, 38.5440,
83.4400

■ 167.7160, 32.8610,
70.7890

■ 182.6900, 26.5820,
57.9260

■ 197.9630, 20.8990,
45.2750

■ 213.2360, 15.2160,
32.6240

■ 228.7970, 8.6620,
19.2380

■ 244.0700, 2.9790,
6.5870

Harmonies

Analogous

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



98.3360, -114.3050, 17.5910



106.3360, 56.4640, 122.1280



94.1430, 101.5830, 102.8870

Triad

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



106.3360, 56.4640, 122.1280



129.2440, 71.2090, -29.5190



128.6200, -119.6620, -23.0060

Complementary

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



106.3360, 56.4640, 122.1280



157.6640, -56.4640, -122.1280

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.



115.2310, -86.0950, -53.1590



106.3360, 56.4640, 122.1280



115.1930, 4.1840, -64.8400

Square

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



106.3360, 56.4640, 122.1280



118.4870, 129.2460, 14.5100



98.6160, -46.2000, -87.8640



130.6210, -129.4300, -11.1740

Rectangle

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



106.3360, 56.4640, 122.1280



86.7330, 122.4480, 82.6720



98.6160, -46.2000, -87.8640



124.2710, -108.7940, -32.7460

Sweetspot

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



106.3360, 56.4640, 122.1280



210.0670, 17.3700, 37.6420



48.7520, -81.4400, 66.2720



100.6880, 10.5870, 22.8990



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.



106.3360, 56.4640, 122.1280



100.2320, 59.9930, 129.7610



99.2640, 99.3840, 93.1760



117.0700, 2.9790, 6.5870



74.1700, 44.2270, 96.0910



23.9970, 14.3910, 31.0550

Inverse Universe

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



85.5840, 137.9040, 55.8560



78.1830, 146.5230, 59.3470



164.7360, -99.3840, -93.1760



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 106.3360, 56.4640, 122.1280 looks on a white background.

Color Contrast Check

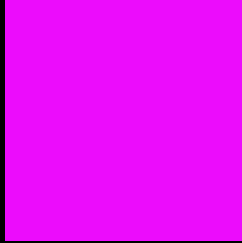
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.3360, 56.4640, 122.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

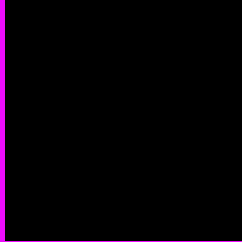
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 106.3360, 56.4640, 122.1280

Background



This preview shows how black text looks on a background with the YIQ color 106.3360, 56.4640, 122.1280.



This preview shows how white text looks on a background with the YIQ color 106.3360, 56.4640,

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

106.3360, 56.4640, 122.1280

Protanopia

129.5550, -75.1970, 24.6990

Deuteranopia

127.1490, -77.3500, 14.1540



Tritanopia

135.6780, 69.2730, 27.6170

Trichromacy



Original Color

106.3360, 56.4640, 122.1280

Protanomaly

121.2540, -27.6120, 59.9080

Deuteranomaly

119.5540, -28.7570, 53.1230

Tritanomaly

124.7300, 64.6360, 62.1080

Monochromacy



Original Color

106.3360, 56.4640, 122.1280

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.1370, 20.3490, 44.2290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3360, 56.4640, 122.1280 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(236, 12, 252)` looks like.

```
.text, #text, p{  
    color:rgb(236, 12, 252)  
}
```

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(236, 12, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 12, 252) }
```

Border

The CSS property to change the border of an element to YIQ 106.3360, 56.4640, 122.1280 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(236, 12, 252) }
```


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

```
.border{ border-color:rgb(236, 12, 252) }
```

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

Here you see how a box with a 4 pixel rgb(236, 12, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 12, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 12, 252);  
box-shadow:4px 4px 4px 4px rgb(236, 12,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3360, 56.4640, 122.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 12, 252) }
```

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

```
.background{ background-color: rgb(236, 12,  
252) }
```

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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