

Converting Colors

YIQ(110.5680, 75.2210, 96.0610)

Have a look what the booklet for
YIQ(110.5680, 75.2210, 96.0610)
contains.

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Color

**YIQ(110.5680, 75.2210,
96.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	F21CBF
RGB	242, 28, 191
RGB Percent	95%, 11%, 75%
CMY	0.0504, 0.8905, 0.2508
CMYK	0.00, 0.88, 0.21, 0.05
HSL	314°, 89%, 53%
HSV	314°, 88%, 95%
XYZ	46.4934, 23.4946, 51.4000
YIQ	110.5680, 75.2210, 96.0610

Conversions

Conversions Part 2

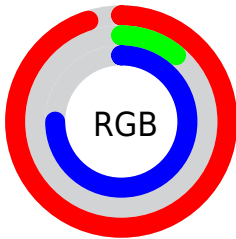
Format	Color
R _Y B	242, 28, 191
Decimal	15867071
CIE Lab	55.58, 85.44, -32.32
CIE LCh	56, 91.343, 339.281
Yxy	23.4946, 0.3830, 0.1935
Android (android.graphics.Color)	4294057151 (0xFFFF21CBF)
YUV	110.5680, 39.6530, 115.2659
Hunter-Lab	48.4712, 86.3917, -28.9426

Details

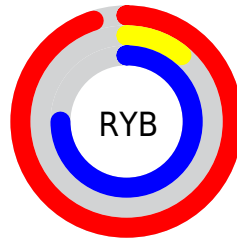
The YIQ color **110.5680, 75.2210, 96.0610** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **159.4320, -75.2210, -96.0610**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3260, 42.9470, 75.2270**, and **69.7370, 63.8990, 80.9790** is the 20% darker color. If you saturate the color by 10%, you get **95.7960, 83.7470, 106.7470**, and if you desaturate by 10%, it is **125.3400, 66.6950, 85.3750**.

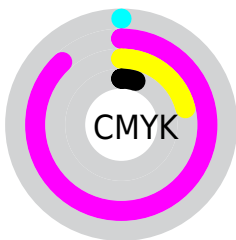
Distribution



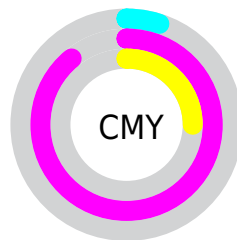
- Red (95%)
- Green (11%)
- Blue (75%)



- Red (95%)
- Yellow (11%)
- Blue (75%)



- Cyan (0%)
- Magenta (88%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (89%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.5680, 75.2210, 96.0610 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 110.5680, 75.2210, 96.0610 by changing the saturation by 10% instead.


 110.5680, 75.2210,
96.0610


 110.5680, 75.2210,
96.0610


255.0000, -0.0000,
-0.0000


 81.7850, 73.1120,
95.7360


 167.3260, 42.9470,
75.2270


 69.7370, 63.8990,
80.9790


 186.3210, 32.1750,
61.1910


 57.8030, 54.3650,
66.5330


 204.5180, 23.6500,
44.9780

 46.0970, 44.1890,
52.7090

 222.1280, 15.4000,
29.2880

 34.6900, 34.6090,
39.0970

 240.3250, 6.8750,
13.0750

 23.6960, 25.3040,
26.0080

 12.1040, 14.8070,

12.4950

■ 0.0000, 0.0000,
0.0000

■ 110.5680, 75.2210,
96.0610

■ 110.5680, 75.2210,
96.0610

■ 95.7960, 83.7470,
106.7470

■ 125.3400, 66.6950,
85.3750

■ 93.3340, 85.1680,
108.5280

■ 140.1120, 58.1690,
74.6890

■ 155.3570, 49.6890,
63.1690

■ 170.1290, 41.1630,
52.4830

■ 184.9010, 32.6370,
41.7970

■ 199.6730, 24.1110,
31.1110

■ 214.3310, 15.9060,
20.1140

■ 229.6900, 7.1050,
8.9050

■ 244.4620, -1.4210,
-1.7810

Harmonies

Analogous

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



134.1480, -12.5740, 62.7060



110.5680, 75.2210, 96.0610



89.1270, 115.7070, 89.2030

Triad

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



110.5680, 75.2210, 96.0610



122.8660, 45.4900, -42.4940



123.4170, -120.1680, -13.8320

Complementary

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



110.5680, 75.2210, 96.0610



159.4320, -75.2210, -96.0610

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.



115.3400, -96.0470, -37.9910



110.5680, 75.2210, 96.0610



101.4500, -21.7650, -73.6450

Square

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



110.5680, 75.2210, 96.0610



124.6910, 92.4800, -13.0240



103.3020, -67.6620, -62.3340



121.2290, -125.0300, -2.8060

Rectangle

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



110.5680, 75.2210, 96.0610



100.2220, 124.4240, 57.8640



103.3020, -67.6620, -62.3340



121.2680, -112.7390, -21.8190

Sweetspot

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



110.5680, 75.2210, 96.0610



212.6730, 24.1110, 31.1110



67.3460, -38.8940, 77.1540



102.7930, 14.4850, 18.3330



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.



110.5680, 75.2210, 96.0610



98.3610, 89.7060, 114.3940



98.4840, 109.2470, 63.0950



112.6140, 4.2630, 5.3430



70.9760, 64.7240, 82.5480



21.6460, 19.5730, 25.2450

Inverse Universe

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



110.5680, 75.2210, 96.0610



98.3610, 89.7060, 114.3940



171.5160, -109.2470, -63.0950



112.6140, 4.2630, 5.3430



70.9760, 64.7240, 82.5480



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 110.5680, 75.2210, 96.0610 looks on a white background.

Color Contrast Check

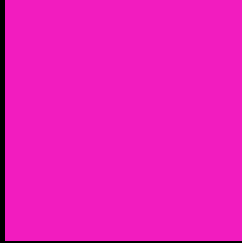
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.5680, 75.2210, 96.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

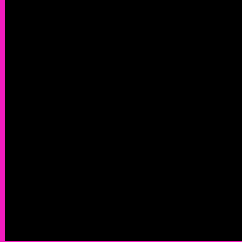
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 110.5680, 75.2210, 96.0610

Background



This preview shows how black text looks on a background with the YIQ color 110.5680, 75.2210, 96.0610.



This preview shows how white text looks on a background with the YIQ color 110.5680, 75.2210,

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

110.5680, 75.2210, 96.0610

Protanopia

124.2170, -80.0570, 24.6710

Deuteranopia

134.0690, -21.6430, 12.2850



Tritanopia

124.9150, 90.7750, 34.4150

Trichromacy



Original Color

110.5680, 75.2210, 96.0610



Protanomaly

119.3110, -23.7590, 50.6490



Deuteranomaly

125.3750, 13.7470, 42.7310



Tritanomaly

119.6920, 84.9940, 56.5940

Monochromacy



Original Color

110.5680, 75.2210, 96.0610



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.0480, 27.5490, 34.8850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.5680, 75.2210, 96.0610 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(242, 28, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 28, 191)  
}
```

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(242, 28, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 28, 191) }
```

Border

The CSS property to change the border of an element to YIQ 110.5680, 75.2210, 96.0610 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(242, 28, 191) }
```


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

```
.border{ border-color:rgb(242, 28, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 28, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 28, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 28, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 28,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 110.5680, 75.2210, 96.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 28, 191) }
```

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

```
.background{ background-color: rgb(242, 28,  
191) }
```

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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