

Converting Colors

YIQ(104.6190, 71.1840,
108.6560)

Have a look what the booklet for
YIQ(104.6190, 71.1840, 108.6560)
contains.

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Color

**YIQ(104.6190, 71.1840,
108.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	F00FD3
RGB	240, 15, 211
RGB Percent	94%, 6%, 83%
CMY	0.0582, 0.9414, 0.1724
CMYK	0.00, 0.94, 0.12, 0.06
HSL	308°, 88%, 50%
HSV	308°, 94%, 94%
XYZ	47.9237, 23.5984, 63.6790
YIQ	104.6190, 71.1840, 108.6560

Conversions

Conversions Part 2

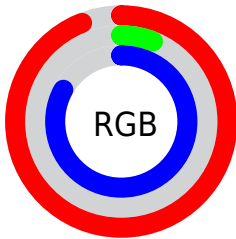
Format	Color
R _{YB}	240, 15, 211
Decimal	15732691
CIE Lab	55.68, 88.98, -43.66
CIE LCh	56, 99.115, 333.864
Yxy	23.5984, 0.3545, 0.1745
Android (android.graphics.Color)	4293922771 (0xFFFF00FD3)
YUV	104.6190, 52.4458, 118.7291
Hunter-Lab	48.5782, 91.0830, -43.7159

Details

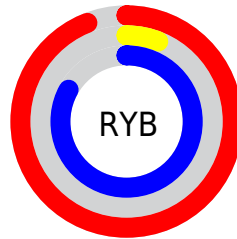
The YIQ color **104.6190, 71.1840, 108.6560** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **150.3810, -71.1840, -108.6560**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **165.7760, 41.8000, 79.4960**, and **71.3050, 56.6080, 86.4640** is the 20% darker color. If you saturate the color by 10%, you get **95.5860, 75.9510, 115.8790**, and if you desaturate by 10%, it is **119.0490, 63.6210, 97.0370**.

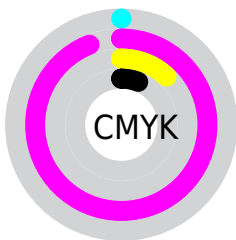
Distribution



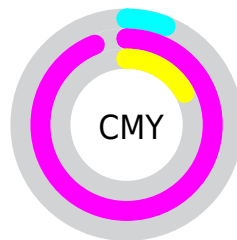
- Red (94%)
- Green (6%)
- Blue (83%)



- Red (94%)
- Yellow (6%)
- Blue (83%)



- Cyan (0%)
- Magenta (94%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (94%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.6190, 71.1840, 108.6560 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 104.6190, 71.1840, 108.6560 by changing the saturation by 10% instead.

104.6190, 71.1840,
108.6560

104.6190, 71.1840,
108.6560

255.0000, -0.0000,
-0.0000

83.3530, 65.8210,
101.2210

165.7760, 41.8000,
79.4960

71.3050, 56.6080,
86.4640

184.5600, 33.0000,
62.7600

59.2570, 47.3950,
71.7070

202.7570, 24.4750,
46.5470

47.7360, 38.1360,
57.7840

220.9540, 15.9500,
30.3340

36.2150, 28.8770,
43.8610

238.5640, 7.7000,
14.6440

25.1070, 19.8930,
30.4610

13.3300, 8.4790,

17.0470

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 104.6190, 71.1840,
108.6560

■ 104.6190, 71.1840,
108.6560

■ 95.5860, 75.9510,
115.8790

■ 119.0490, 63.6210,
97.0370

■ 133.4790, 56.0580,
85.4180

■ 147.9090, 48.4950,
73.7990

■ 162.3390, 40.9320,
62.1800

■ 176.8830, 33.0480,
50.8720

■ 191.3130, 25.4850,
39.2530

■ 205.7430, 17.9220,
27.6340

■ 220.1730, 10.3590,
16.0150

■ 234.6030, 2.7960,
4.3960

Harmonies

Analogous

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



129.2980, -30.9120, 53.6320



104.6190, 71.1840, 108.6560



90.7230, 111.2130, 93.5570

Triad

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



104.6190, 71.1840, 108.6560



124.4050, 54.3380, -37.6460



124.6080, -119.3880, -16.9560

Complementary

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



104.6190, 71.1840, 108.6560



150.3810, -71.1840, -108.6560

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.



114.3310, -91.8280, -42.8680



104.6190, 71.1840, 108.6560



106.2450, -10.7620, -69.3060

Square

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



104.6190, 71.1840, 108.6560



122.7190, 104.4450, -4.0910



101.1530, -60.2330, -70.3210



124.1640, -126.4050, -5.4210

Rectangle

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



104.6190, 71.1840, 108.6560



84.3390, 129.1890, 76.1410



101.1530, -60.2330, -70.3210



121.5300, -110.7210, -25.3530

Sweetspot

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



104.6190, 71.1840, 108.6560



212.2970, 22.4140, 34.3340



48.4240, -56.7290, 75.4870



101.4880, 14.0260, 21.1460



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.



104.6190, 71.1840, 108.6560



101.5530, 80.7180, 123.1020



92.0790, 106.4940, 74.4460



112.7280, 3.9420, 5.6540



73.2560, 58.3040, 88.7680



22.3300, 17.6470, 27.1110

Inverse Universe

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



104.6190, 71.1840, 108.6560



101.5530, 80.7180, 123.1020



162.9210, -106.4940, -74.4460



112.7280, 3.9420, 5.6540



73.2560, 58.3040, 88.7680



22.3300, 17.6470, 27.1110

Previews

White Background



This preview shows how the YIQ color 104.6190, 71.1840, 108.6560 looks on a white background.

Color Contrast Check

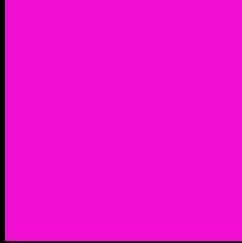
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.6190, 71.1840, 108.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

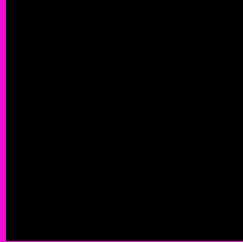
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 104.6190, 71.1840, 108.6560

Background



This preview shows how black text looks on a background with the YIQ color 104.6190, 71.1840, 108.6560.



This preview shows how white text looks on a background with the YIQ color 104.6190, 71.1840,

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

104.6190, 71.1840, 108.6560

Protanopia

124.2170, -80.0570, 24.6710

Deuteranopia

132.3370, -36.9570, 14.4910



Tritanopia

127.9250, 84.8150, 32.2950

Trichromacy



Original Color

104.6190, 71.1840, 108.6560



Protanomaly

116.8750, -25.2270, 55.2290



Deuteranomaly

122.3170, 2.4670, 48.9230



Tritanomaly

119.4620, 79.9500, 59.9020

Monochromacy



Original Color

104.6190, 71.1840, 108.6560



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

104.7260, 25.7600, 39.7760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.6190, 71.1840, 108.6560 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(240, 15, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 15, 211)  
}
```

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(240, 15, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 15, 211) }
```

Border

The CSS property to change the border of an element to YIQ 104.6190, 71.1840, 108.6560 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(240, 15, 211) }
```


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

```
.border{ border-color:rgb(240, 15, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 15, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 15, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 15, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 15,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 104.6190, 71.1840, 108.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 15, 211) }
```

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

```
.background{ background-color: rgb(240, 15,  
211) }
```

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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