

Converting Colors

YIQ(104.3260, 112.8680,
69.0600)

Have a look what the booklet for
YIQ(104.3260, 112.8680, 69.0600)
contains.

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Color

**YIQ(104.3260, 112.8680,
69.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1D61
RGB	255, 29, 97
RGB Percent	100%, 11%, 38%
CMY	0.0000, 0.8865, 0.6192
CMYK	0.00, 0.89, 0.62, 0.00
HSL	342°, 100%, 56%
HSV	342°, 89%, 100%
XYZ	43.8394, 22.9990, 13.4626
YIQ	104.3260, 112.8680, 69.0600

Conversions

Conversions Part 2

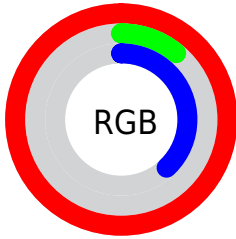
Format	Color
RYB	255, 29, 97
Decimal	16719201
CIELab	55.07, 79.98, 22.90
CIELCh	55, 83.190, 15.978
Yxy	22.9990, 0.5459, 0.2864
Android (android.graphics.Color)	4294909281 (0xFFFF1D61)
YUV	104.3260, -3.6117, 132.1411
Hunter-Lab	47.9573, 79.2477, 16.9262

Details

The YIQ color **104.3260, 112.8680, 69.0600** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **179.6740, -112.8680, -69.0600**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.2250, 75.6430, 44.3390**, and **62.6240, 96.8690, 56.1410** is the 20% darker color. If you saturate the color by 10%, you get **87.0120, 125.7960, 77.0600**, and if you desaturate by 10%, it is **121.0530, 100.2150, 61.5830**.

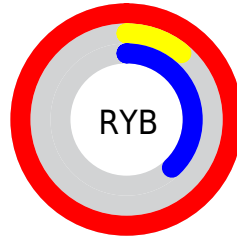
Distribution



Red (100%)

Green (11%)

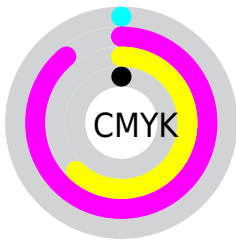
Blue (38%)



Red (100%)

Yellow (11%)

Blue (38%)

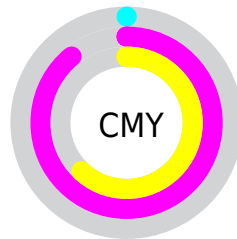


Cyan (0%)

Magenta (89%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.3260, 112.8680, 69.0600 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 104.3260, 112.8680, 69.0600 by changing the saturation by 10% instead.


 104.3260,
112.8680, 69.0600


 104.3260,
112.8680, 69.0600


255.0000, -0.0000,
-0.0000


 74.8140, 108.5580,
70.0780


 155.2250, 75.6430,
44.3390


 62.7380, 96.5480,
56.4520


 176.5000, 58.4510,
36.5230


 50.7760, 84.2170,
43.1370


 197.1880, 41.5340,
29.2300

 38.8850, 73.1240,
29.4120

 218.5770, 24.0210,
21.7250

 28.7470, 55.6570,
21.0730

 239.1510, 7.4250,
14.1210

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 104.3260,
112.8680, 69.0600

■ 104.3260,
112.8680, 69.0600

■ 87.0120, 125.7960,
77.0600

■ 121.0530,
100.2150, 61.5830

■ 85.0230, 127.2630,
78.0070

■ 138.3670, 87.2870,
53.5830

■ 155.0940, 74.6340,
46.1060

■ 172.2940, 62.0270,
37.7950

■ 189.0210, 49.3740,
30.3180

■ 206.3350, 36.4460,
22.3180

■ 223.0620, 23.7930,
14.8410

■ 240.3760, 10.8650,
6.8410

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



114.2180, 78.6620, 83.2540



104.3260, 112.8680, 69.0600



118.4880, 110.3100, 16.2780

Triad

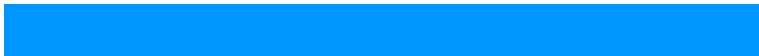
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104.3260, 112.8680, 69.0600



90.3980, -42.3500, -80.5420



117.1200, -123.1050, 0.8550

Complementary

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



104.3260, 112.8680, 69.0600



179.6740, -112.8680, -69.0600

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.



120.7100, -119.4350, -10.5950



104.3260, 112.8680, 69.0600



104.6360, -74.1740, -54.4460

Square

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



104.3260, 112.8680, 69.0600



119.2560, 35.4040, -46.9320



114.4740, -99.1200, -31.8560



104.2060, -117.0550, 12.3610

Rectangle

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



104.3260, 112.8680, 69.0600



122.9300, 93.3050, -11.4550



114.4740, -99.1200, -31.8560



120.0550, -124.4800, -1.7600

Sweetspot

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



104.3260, 112.8680, 69.0600



209.0250, 34.3830, 21.1590



100.8100, 19.2380, 102.9340



100.6270, 20.5840, 12.4240



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.



104.3260, 112.8680, 69.0600



85.0230, 127.2630, 78.0070



120.6410, 123.4210, 26.4690



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Inverse Universe

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



104.3260, 112.8680, 69.0600



85.0230, 127.2630, 78.0070



163.3590, -123.4210, -26.4690



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 104.3260, 112.8680, 69.0600 looks on a white background.

Color Contrast Check

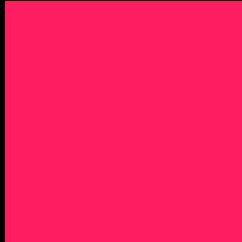
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3260, 112.8680, 69.0600 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 104.3260, 112.8680, 69.0600

Background



This preview shows how black text looks on a background with the YIQ color 104.3260, 112.8680, 69.0600.



This preview shows how white text looks on a background with the YIQ color 104.3260, 112.8680,

69.0600.

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

104.3260, 112.8680, 69.0600

Protanopia

133.0970, -1.6510, 2.3890

Deuteranopia

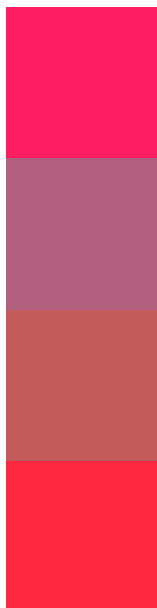
131.8940, 32.2330, -5.9670



Tritanopia

107.7790, 123.6930, 43.5730

Trichromacy



Original Color

104.3260, 112.8680, 69.0600

Protanomaly

122.8240, 39.5630, 26.4030

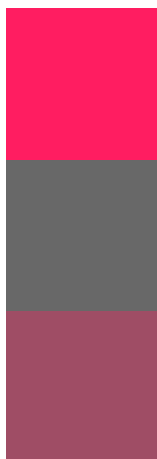
Deuteranomaly

121.6830, 61.7090, 21.5250

Tritanomaly

106.7220, 119.8400, 52.8320

Monochromacy



Original Color

104.3260, 112.8680, 69.0600

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.2540, 41.1680, 24.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3260, 112.8680, 69.0600 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(255, 29, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 29, 97)  
}
```

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(255, 29, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 97) }
```

Border

The CSS property to change the border of an element to YIQ 104.3260, 112.8680, 69.0600 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(255, 29, 97) }
```


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

```
.border{ border-color:rgb(255, 29, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 29, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3260, 112.8680, 69.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 29, 97) }
```

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

```
.background{ background-color: rgb(255, 29,  
97) }
```

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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