

Converting Colors

YIQ(100.3560, 77.7930, 71.4650)

Have a look what the booklet for
YIQ(100.3560, 77.7930, 71.4650)
contains.

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Color

**YIQ(100.3560, 77.7930,
71.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2188
RGB	219, 33, 136
RGB Percent	86%, 13%, 53%
CMY	0.1407, 0.8708, 0.4664
CMYK	0.00, 0.85, 0.38, 0.14
HSL	327°, 74%, 49%
HSV	327°, 85%, 86%
XYZ	34.2421, 17.9427, 24.9729
YIQ	100.3560, 77.7930, 71.4650

Conversions

Conversions Part 2

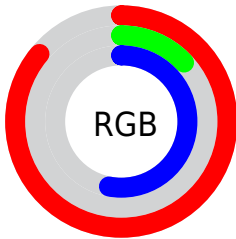
Format	Color
R_{YB}	219, 33, 136
Decimal	14360968
CIE _{Lab}	49.43, 73.77, -9.62
CIE _{LCh}	49, 74.390, 352.570
Yxy	17.9427, 0.4438, 0.2325
Android (android.graphics.Color)	4292551048 (0xFFDB2188)
YUV	100.3560, 17.5725, 104.0508
Hunter-Lab	42.3589, 70.1679, -5.3034

Details

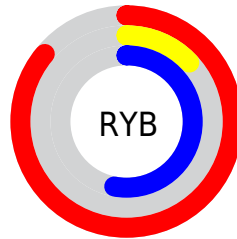
The YIQ color **100.3560, 77.7930, 71.4650** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **151.6440, -77.7930, -71.4650**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.2520, 62.9860, 58.9700**, and **57.0460, 66.5620, 60.2420** is the 20% darker color. If you saturate the color by 10%, you get **86.3020, 87.0530, 79.8610**, and if you desaturate by 10%, it is **114.4100, 68.5330, 63.0690**.

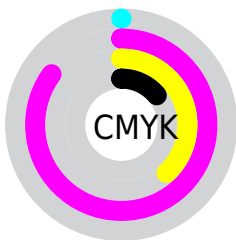
Distribution



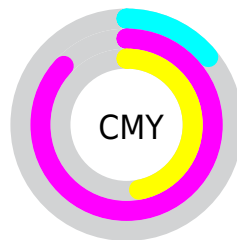
- Red (86%)
- Green (13%)
- Blue (53%)



- Red (86%)
- Yellow (13%)
- Blue (53%)



- Cyan (0%)
- Magenta (85%)
- Yellow (38%)
- Black (14%)





- Cyan (14%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.3560, 77.7930, 71.4650 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 100.3560, 77.7930, 71.4650 by changing the saturation by 10% instead.


 100.3560, 77.7930,
71.4650


 100.3560, 77.7930,
71.4650


255.0000, -0.0000,
-0.0000


 69.1650, 77.0130,
74.5890


 158.2520, 62.9860,
58.9700


 57.0460, 66.5620,
60.2420


 179.0540, 45.7480,
51.9880


 45.7530, 56.6610,
46.9410


 199.3830, 28.4640,
45.8400

 34.2750, 45.8430,
33.7390

 218.0190, 17.3250,
32.9490

 23.9220, 36.1710,
21.7950

 235.6290, 9.0750,
17.2590

 12.3730, 24.1150,
9.0030

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 100.3560, 77.7930,
71.4650

■ 100.3560, 77.7930,
71.4650

■ 86.3020, 87.0530,
79.8610

■ 114.4100, 68.5330,
63.0690

■ 79.2750, 91.6830,
84.0590

■ 128.4640, 59.2730,
54.6730

■ 142.4040, 50.3340,
45.9660

■ 156.4580, 41.0740,
37.5700

■ 170.5120, 31.8140,
29.1740

■ 183.9790, 22.8290,
21.3010

■ 197.9190, 13.8900,
12.5940

■ 211.9730, 4.6300,
4.1980

■ 226.0270, -4.6300,
-4.1980

Harmonies

Analogous

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



117.7050, 22.2260, 59.7780



100.3560, 77.7930, 71.4650



99.4790, 98.4750, 49.0590

Triad

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



100.3560, 77.7930, 71.4650



104.1390, 22.6120, -46.3800



107.6190, -108.7530, -5.9450

Complementary

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



100.3560, 77.7930, 71.4650



151.6440, -77.7930, -71.4650

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.



103.3380, -92.5650, -23.9970



100.3560, 77.7930, 71.4650



84.8990, -47.5340, -63.6780

Square

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



100.3560, 77.7930, 71.4650



110.6270, 63.0010, -23.9350



95.2270, -71.1040, -44.0000



104.1260, -114.0740, 7.8940

Rectangle

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



100.3560, 77.7930, 71.4650



106.0660, 97.0590, 19.6430



95.2270, -71.1040, -44.0000



106.9690, -104.1670, -11.9670

Sweetspot

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



100.3560, 77.7930, 71.4650



214.2400, 26.5880, 24.7640



78.4230, -11.4300, 75.0180



103.0550, 16.5030, 14.7990



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.



100.3560, 77.7930, 71.4650



92.3190, 106.7190, 97.9110



89.9820, 107.0040, 43.1640



102.9730, 4.6300, 4.1980



62.6710, 72.2920, 66.5320



16.6040, 19.3910, 17.5270

Inverse Universe

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



100.3560, 77.7930, 71.4650



92.3190, 106.7190, 97.9110



162.0180, -107.0040, -43.1640



102.9730, 4.6300, 4.1980



62.6710, 72.2920, 66.5320



16.6040, 19.3910, 17.5270

Previews

White Background



This preview shows how the YIQ color 100.3560, 77.7930, 71.4650 looks on a white background.

Color Contrast Check

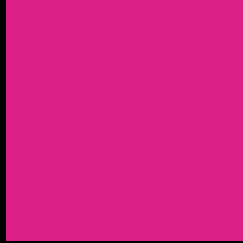
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.3560, 77.7930, 71.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

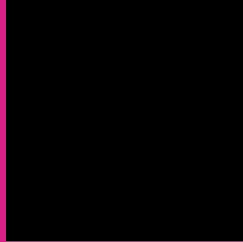
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 100.3560, 77.7930, 71.4650

Background



This preview shows how black text looks on a background with the YIQ color 100.3560, 77.7930, 71.4650.



This preview shows how white text looks on a background with the YIQ color 100.3560, 77.7930,

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

100.3560, 77.7930, 71.4650

Protanopia

116.8470, -38.3330, 17.4030

Deuteranopia

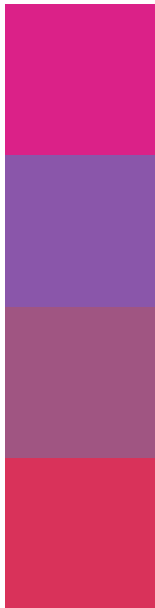
119.6570, 2.7040, 6.0640



Tritanopia

106.6870, 91.4170, 33.7930

Trichromacy



Original Color

100.3560, 77.7930, 71.4650

Protanomaly

111.1240, 4.0280, 37.1480

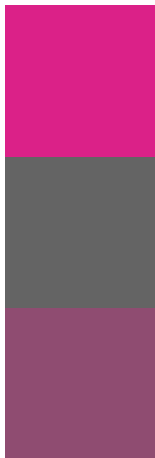
Deuteranomaly

112.5550, 30.2550, 29.8950

Tritanomaly

104.4930, 86.6920, 47.8440

Monochromacy



Original Color

100.3560, 77.7930, 71.4650

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.2510, 28.0550, 25.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.3560, 77.7930, 71.4650 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(219, 33, 136)` looks like.

```
.text, #text, p{  
    color:rgb(219, 33, 136)  
}
```

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(219, 33, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 33, 136) }
```

Border

The CSS property to change the border of an element to YIQ 100.3560, 77.7930, 71.4650 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(219, 33, 136) }
```


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

```
.border{ border-color:rgb(219, 33, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 33, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 33, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 33, 136); box-shadow:4px 4px 4px 4px rgb(219, 33, 136) }
```

Background

The CSS property to change the background color of an element to YIQ 100.3560, 77.7930, 71.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 33, 136) }
```

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

```
.background{ background-color: rgb(219, 33,  
136) }
```

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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