

Converting Colors

XYZ(130.8709, 73.3548,
47.0120)

Have a look what the booklet for
XYZ(130.8709, 73.3548, 47.0120)
contains.

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Color

**XYZ(53.3400, 33.3915,
43.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF64AD
RGB	255, 100, 173
RGB Percent	100%, 39%, 68%
CMY	0.0000, 0.6078, 0.3216
CMYK	0.00, 0.61, 0.32, 0.00
HSL	332°, 100%, 70%
HSV	332°, 61%, 100%
XYZ	53.3400, 33.3915, 43.1690
YIQ	154.6670, 68.9470, 55.5630

Conversions

Conversions Part 2

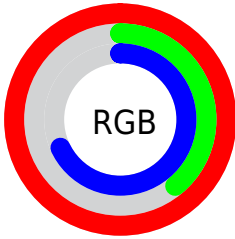
Format	Color
R_{YB}	255, 100, 173
Decimal	16737453
CIE Lab	64.48, 65.54, -8.17
CIE LCh	64, 66.047, 352.891
Yxy	33.3915, 0.4106, 0.2571
Android (android.graphics.Color)	4294927533 (0xFFFF64AD)
YUV	154.6670, 9.0382, 87.9920
Hunter-Lab	57.7854, 63.6437, -3.8433

Details

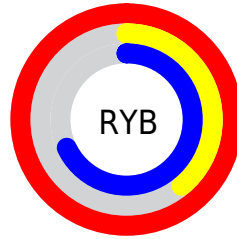
The XYZ color **53.3400, 33.3915, 43.1690** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.4609, 77.6076, 56.6334**, and the grayscale version is **30.9501, 32.5620, 35.4600**.

A 20% lighter version of the original color is **67.3006, 50.9754, 79.6909**, and **26.3609, 14.1729, 19.4354** is the 20% darker color. If you saturate the color by 10%, you get **50.0252, 28.7467, 35.9452**, and if you desaturate by 10%, it is **57.5535, 39.6225, 51.3433**.

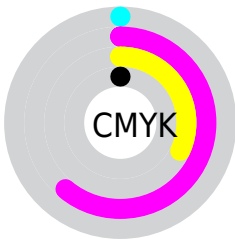
Distribution



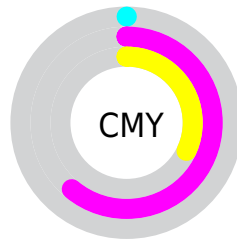
- Red (100%)
- Green (39%)
- Blue (68%)



- Red (100%)
- Yellow (39%)
- Blue (68%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3400, 33.3915, 43.1690 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 XYZ color 53.3400, 33.3915, 43.1690 by changing the saturation by 10% instead.


 53.3400, 33.3915,
43.1690

 53.3400, 33.3915,
43.1690

389.8277,
317.4102, 375.2479


 38.3028, 22.4265,
29.6854


 94.2671, 64.9863,
81.2549


 26.3961, 14.1706,
19.3499


 120.8877, 86.3849,
106.6943

 17.2544, 8.2394,
11.7440

 152.1001,
112.0301, 136.9559

 10.5125, 4.2485,
6.4492

 188.2698,
142.3064, 172.4585

 5.8049, 1.8135,
3.0469

229.7621,
177.5982, 213.6204

 2.7663, 0.4956,
1.1186

276.9422,

 1.0314, 0.0000,

218.2898, 260.8602

0.0000

330.1757,
264.7657, 314.5966

■ 0.0000, 0.0000,
0.0000

■ 53.3400, 33.3915,
43.1690

■ 53.3400, 33.3915,
43.1690

■ 50.0252, 28.7467,
35.9452

■ 57.5535, 39.6225,
51.3433

■ 47.5284, 25.5333,
29.6251

■ 62.7313, 47.5654,
60.5076

■ 45.7577, 23.5736,
24.1580

■ 68.9358, 57.3388,
70.7006

■ 44.6356, 22.6183,
19.8111

■ 76.2229, 69.0493,
81.9579

■ 84.6445, 82.7954,
94.3132

94.2489, 98.6685,
107.7986

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.5015, 33.3915, 77.5398



53.3400, 33.3915, 43.1690



51.5395, 33.3915, 19.6706

Triad

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



53.3400, 33.3915, 43.1690



25.1953, 33.3915, 6.4358



22.0083, 33.3915, 95.4696

Complementary

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



53.3400, 33.3915, 43.1690



49.4609, 77.6076, 56.6334

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.



17.7948, 33.3915, 60.5234



53.3400, 33.3915, 43.1690



19.3643, 33.3915, 13.1679

Square

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



53.3400, 33.3915, 43.1690



34.0345, 33.3915, 5.3412



16.9330, 33.3915, 30.3034



29.5465, 33.3915, 116.0451

Rectangle

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



53.3400, 33.3915, 43.1690



46.9586, 33.3915, 11.2328



16.9330, 33.3915, 30.3034



20.2222, 33.3915, 84.3788

Sweetspot

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



53.3409, 33.3932, 43.1696



78.4487, 72.6635, 85.2821



41.4508, 26.0499, 97.4512



16.2932, 14.7443, 17.5098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3409, 33.3932, 43.1696



49.4034, 27.9156, 34.4663



48.3505, 31.7998, 15.6485



18.3655, 18.1295, 20.5417



23.3971, 11.8481, 10.7417



2.3328, 1.1755, 1.3337

Inverse Universe

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



53.3409, 33.3932, 43.1696



49.4034, 27.9156, 34.4663



58.2480, 79.8127, 106.9432



18.3655, 18.1295, 20.5417



23.3971, 11.8481, 10.7417



2.3328, 1.1755, 1.3337

Previews

White Background



This preview shows how the XYZ color 53.3400, 33.3915, 43.1690 looks on a white background.

Color Contrast Check

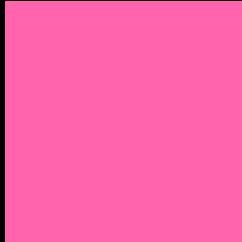
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.3400, 33.3915, 43.1690 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 ✓ Pass

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

XYZ 53.3400, 33.3915, 43.1690

Background



This preview shows how black text looks on a background with the XYZ color 53.3400, 33.3915, 43.1690.



This preview shows how white text looks on a background with the XYZ color 53.3400, 33.3915,

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

53.3400, 33.3915, 43.1690

Protanopia

34.3387, 33.7586, 65.6790

Deuteranopia

34.1682, 33.4979, 40.2622



Tritanopia

48.9076, 33.4295, 21.3276

Trichromacy



Original Color

53.3400, 33.3915, 43.1690

Protanomaly

38.0334, 31.3042, 56.8611

Deuteranomaly

39.2748, 31.8816, 41.1295

Tritanomaly

50.1676, 33.2847, 28.2066

Monochromacy



Original Color

53.3400, 33.3915, 43.1690

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.6714, 31.0129, 38.2357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3400, 33.3915, 43.1690 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, 100, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 173)  
}
```

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, 100, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 173) }
```

Border

The CSS property to change the border of an element to XYZ 53.3400, 33.3915, 43.1690 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, 100, 173) }
```


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

```
.border{ border-color:rgb(255, 100, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3400, 33.3915, 43.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 173) }
```

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

```
.background{ background-color: rgb(255,  
100, 173) }
```

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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