

Converting Colors

XYZ(84.0218, 48.3504, 50.0172)

Have a look what the booklet for
XYZ(84.0218, 48.3504, 50.0172)
contains.

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Color

**XYZ(53.9839, 32.9051,
48.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FB8
RGB	255, 95, 184
RGB Percent	100%, 37%, 72%
CMY	0.0000, 0.6274, 0.2784
CMYK	0.00, 0.63, 0.28, 0.00
HSL	327°, 100%, 69%
HSV	327°, 63%, 100%
XYZ	53.9839, 32.9051, 48.8535
YIQ	152.9860, 66.7910, 61.5990

Conversions

Conversions Part 2

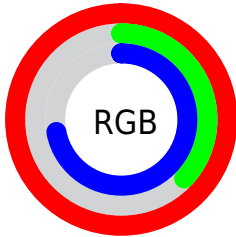
Format	Color
R _Y B	255, 95, 184
Decimal	16736184
CIE Lab	64.08, 68.88, -15.04
CIE LCh	64, 70.507, 347.687
Yxy	32.9051, 0.3977, 0.2424
Android (android.graphics.Color)	4294926264 (0xFFFF5FB8)
YUV	152.9860, 15.2899, 89.4663
Hunter-Lab	57.3630, 67.5999, -10.3406

Details

The XYZ color **53.9839, 32.9051, 48.8535** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **47.3639, 76.7069, 48.3900**, and the grayscale version is **30.1889, 31.7611, 34.5878**.

A 20% lighter version of the original color is **68.3594, 50.3337, 88.5505**, and **26.7143, 13.8468, 22.7374** is the 20% darker color. If you saturate the color by 10%, you get **50.9119, 28.5841, 42.2092**, and if you desaturate by 10%, it is **57.9041, 38.7702, 56.2493**.

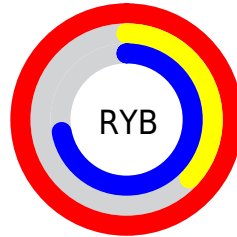
Distribution



Red (100%)

Green (37%)

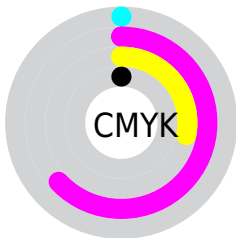
Blue (72%)



Red (100%)

Yellow (37%)

Blue (72%)

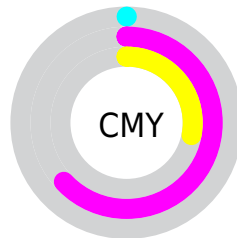


Cyan (0%)

Magenta (63%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9839, 32.9051, 48.8535 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 53.9839, 32.9051, 48.8535 by changing the saturation by 10% instead.


 53.9839, 32.9051,
48.8535


 53.9839, 32.9051,
48.8535

392.2480,
315.2219, 398.7712

 38.8194, 22.0538,
34.1385

 95.2076, 64.2273,
89.8526


 26.7994, 13.8964,
22.7218


 121.9976, 85.4670,
116.9737

 17.5584, 8.0486,
14.1849


 153.3934,
110.9383, 149.0673

 10.7312, 4.1261,
8.1091

 189.7605,
141.0255, 186.5519

 5.9523, 1.7443,
4.0761

231.4641,
176.1131, 229.8461

 2.8565, 0.4521,
1.6672

278.8696,

 1.0783, 0.0000,

216.5854, 279.3683

0.3381

332.3425,
262.8269, 335.5372

■ 0.0069, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9839, 32.9051,
48.8535

■ 53.9839, 32.9051,
48.8535

■ 50.9119, 28.5841,
42.2092

■ 57.9041, 38.7702,
56.2493

■ 48.6066, 25.6483,
36.2775

■ 62.7379, 46.3076,
64.4281

■ 46.9739, 23.9130,
31.0161

■ 68.5475, 55.6378,
73.4211

■ 46.1104, 23.2081,
27.5770

■ 75.3882, 66.8686,
83.2566

83.3114, 80.0992,
93.9614

92.3646, 95.4221,
105.5606

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.



47.6953, 32.9051, 86.9324



53.9839, 32.9051, 48.8535



53.3175, 32.9051, 21.6062

Triad

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



53.9839, 32.9051, 48.8535



25.8067, 32.9051, 4.8511



20.0668, 32.9051, 93.6694

Complementary

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



53.9839, 32.9051, 48.8535



47.3639, 76.7069, 48.3900

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.



16.3394, 32.9051, 55.2238



53.9839, 32.9051, 48.8535



19.1364, 32.9051, 10.1257

Square

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



53.9839, 32.9051, 48.8535



35.5428, 32.9051, 4.5083



16.0396, 32.9051, 25.3518



27.3638, 32.9051, 120.6520

Rectangle

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



53.9839, 32.9051, 48.8535



49.0249, 32.9051, 11.6588



16.0396, 32.9051, 25.3518



18.4286, 32.9051, 80.9469

Sweetspot

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



53.9848, 32.9068, 48.8541



78.2234, 71.5797, 87.1587



37.5228, 23.3346, 97.1341



16.2762, 14.5447, 18.0147



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.



53.9848, 32.9068, 48.8541



50.3272, 27.8058, 40.8087



47.9177, 30.4799, 16.9049



18.4324, 18.1563, 20.8941



24.1701, 12.1573, 14.8119



2.4084, 1.2057, 1.7319

Inverse Universe

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



53.9848, 32.9068, 48.8541



50.3272, 27.8058, 40.8087



56.8601, 80.5053, 98.3963



18.4324, 18.1563, 20.8941



24.1701, 12.1573, 14.8119



2.4084, 1.2057, 1.7319

Previews

White Background



This preview shows how the XYZ color 53.9839, 32.9051, 48.8535 looks on a white background.

Color Contrast Check

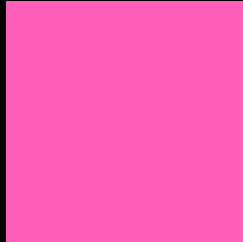
Large Text (above 18pt) WCAG AA × Fail

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 53.9839, 32.9051, 48.8535 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 53.9839, 32.9051, 48.8535

Background



This preview shows how black text looks on a background with the XYZ color 53.9839, 32.9051, 48.8535.



This preview shows how white text looks on a background with the XYZ color 53.9839, 32.9051,

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

53.9839, 32.9051, 48.8535

Protanopia

34.4976, 33.1242, 75.8096

Deuteranopia

33.6640, 33.1287, 45.1776



Tritanopia

48.0214, 32.8166, 20.9428

Trichromacy



Original Color

53.9839, 32.9051, 48.8535



Protanomaly

38.0156, 30.5028, 64.8568



Deuteranomaly

38.6579, 31.0491, 46.0751



Tritanomaly

49.7177, 32.5654, 29.2565

Monochromacy



Original Color

53.9839, 32.9051, 48.8535



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

36.1873, 30.1300, 39.0304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9839, 32.9051, 48.8535 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, 95, 184)` looks like.

```
.text, #text, p{  
  color:rgb(255, 95, 184)  
}
```

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, 95, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 184) }
```

Border

The CSS property to change the border of an element to XYZ 53.9839, 32.9051, 48.8535 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, 95, 184) }
```


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

```
.border{ border-color:rgb(255, 95, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9839, 32.9051, 48.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 184) }
```

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

```
.background{ background-color: rgb(255, 95,  
184) }
```

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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