

Converting Colors

XYZ(50.9252, 33.8963, 39.9351)

Have a look what the booklet for
XYZ(50.9252, 33.8963, 39.9351)
contains.

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Color

**XYZ(50.9251, 33.8962,
39.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	F76FA6
RGB	247, 111, 166
RGB Percent	97%, 44%, 65%
CMY	0.0314, 0.5647, 0.3490
CMYK	0.00, 0.55, 0.33, 0.03
HSL	336°, 89%, 70%
HSV	336°, 55%, 97%
XYZ	50.9251, 33.8962, 39.9350
YIQ	157.9340, 63.4010, 45.9370

Conversions

Conversions Part 2

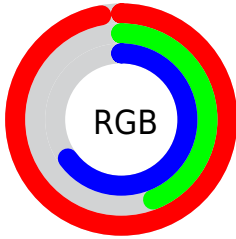
Format	Color
R_{YB}	247, 111, 166
Decimal	16215974
CIE _{Lab}	64.88, 57.48, -3.71
CIE _{LCh}	65, 57.600, 356.303
Yxy	33.8962, 0.4082, 0.2717
Android (android.graphics.Color)	4294406054 (0xFFFF76FA6)
YUV	157.9340, 3.9765, 78.1109
Hunter-Lab	58.2204, 54.2472, 0.0857

Details

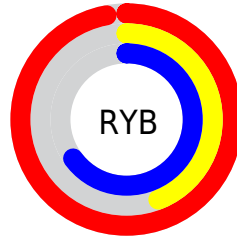
The XYZ color **50.9251, 33.8962, 39.9350** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.3325, 73.7076, 61.5001**, and the grayscale version is **32.4331, 34.1222, 37.1590**.

A 20% lighter version of the original color is **68.1099, 54.1179, 75.2626**, and **24.8499, 14.4180, 17.3928** is the 20% darker color. If you saturate the color by 10%, you get **47.3196, 28.7228, 32.4514**, and if you desaturate by 10%, it is **55.4318, 40.6247, 48.4813**.

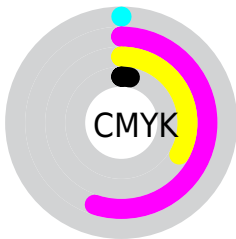
Distribution



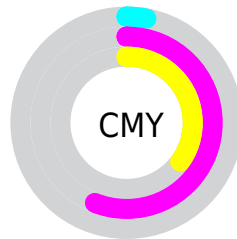
- Red (97%)
- Green (44%)
- Blue (65%)



- Red (97%)
- Yellow (44%)
- Blue (65%)



- Cyan (0%)
- Magenta (55%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9251, 33.8962, 39.9350 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 50.9251, 33.8962, 39.9350 by changing the saturation by 10% instead.


 50.9251, 33.8962,
39.9350

 50.9251, 33.8962,
39.9350

380.6652,
319.6690, 361.3935


 36.3698, 22.8139,
27.1745


 90.7277, 65.7722,
76.3005

 24.8914, 14.4561,
17.4707

 116.7057, 87.3347,
100.7426

 16.1244, 8.4386,
10.4052


 147.2220,
113.1593, 129.9156

 9.7037, 4.3769,
5.5593

182.6419,
143.6306, 164.2381

 5.2637, 1.8865,
2.5146

223.3309,
179.1327, 204.1286

 2.4391, 0.5403,
0.8479

269.6541,

 0.8647, 0.0000,

220.0503, 250.0056

0.0000

321.9771,
266.7675, 302.2877

■ 0.0000, 0.0000,
0.0000

■ 50.9251, 33.8962,
39.9350

■ 50.9251, 33.8962,
39.9350

■ 47.3196, 28.7228,
32.4514

■ 55.4318, 40.6247,
48.4813

■ 44.5442, 24.9709,
25.9804

■ 60.8978, 49.0167,
58.1331

■ 42.5210, 22.4934,
20.4693

■ 67.3791, 59.1771,
68.9327

■ 41.1537, 21.1069,
15.8574

■ 74.9268, 71.2004,
80.9193

■ 40.6523, 20.6920,
13.8782

■ 83.5881, 85.1745,
94.1301

92.0506, 98.4673,
108.1482

92.1678, 98.5141,
108.7651

Harmonies

Analogous

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



47.4135, 33.8962, 68.5390



50.9251, 33.8962, 39.9350



48.7580, 33.8962, 20.1243

Triad

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



50.9251, 33.8962, 39.9350



25.6464, 33.8962, 9.2158



24.1451, 33.8962, 89.5318

Complementary

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



50.9251, 33.8962, 39.9350



49.3325, 73.7076, 61.5001

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.



19.9173, 33.8962, 61.1090



50.9251, 33.8962, 39.9350



20.6739, 33.8962, 16.9045

Square

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



50.9251, 33.8962, 39.9350



33.2579, 33.8962, 7.4956



18.7645, 33.8962, 34.0364



31.1987, 33.8962, 103.9435

Rectangle

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



50.9251, 33.8962, 39.9350



44.5565, 33.8962, 12.7329



18.7645, 33.8962, 34.0364



22.3966, 33.8962, 80.8316

Sweetspot

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



50.9261, 33.8979, 39.9356



78.8641, 73.8394, 84.3564



43.7932, 29.0765, 91.2998



16.5205, 15.2301, 17.4894



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.



50.9261, 33.8979, 39.9356



50.5200, 30.3863, 34.1062



48.2288, 34.9248, 19.2404



16.7768, 16.5936, 18.5714



21.5656, 10.9697, 7.6870



1.9449, 0.9839, 0.9362

Inverse Universe

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



50.9261, 33.8979, 39.9356



50.5200, 30.3863, 34.1062



53.2448, 69.8949, 98.6804



16.7768, 16.5936, 18.5714



21.5656, 10.9697, 7.6870



1.9449, 0.9839, 0.9362

Previews

White Background



This preview shows how the XYZ color 50.9251, 33.8962, 39.9350 looks on a white background.

Color Contrast Check

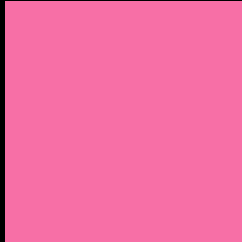
Large Text (above 18pt) WCAG AA × Fail

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 50.9251, 33.8962, 39.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

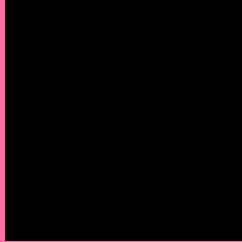
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9251, 33.8962, 39.9350

Background



This preview shows how black text looks on a background with the XYZ color 50.9251, 33.8962, 39.9350.



This preview shows how white text looks on a background with the XYZ color 50.9251, 33.8962,

39.9350.

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

50.9251, 33.8962, 39.9350

Protanopia

34.1332, 34.1066, 56.4140

Deuteranopia

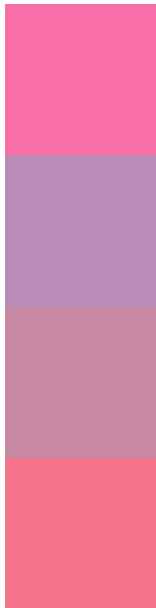
34.6625, 34.0563, 37.5475



Tritanopia

47.7358, 33.9591, 24.1175

Trichromacy



Original Color

50.9251, 33.8962, 39.9350

Protanomaly

38.0374, 32.5311, 49.6218

Deuteranomaly

39.1633, 32.9277, 38.4740

Tritanomaly

48.7093, 33.8263, 29.1612

Monochromacy



Original Color

50.9251, 33.8962, 39.9350

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.1931, 32.5701, 38.0446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9251, 33.8962, 39.9350 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(247, 111, 166)` looks like.

```
.text, #text, p{  
    color:rgb(247, 111, 166)  
}
```

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(247, 111, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 111, 166) }
```

Border

The CSS property to change the border of an element to XYZ 50.9251, 33.8962, 39.9350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

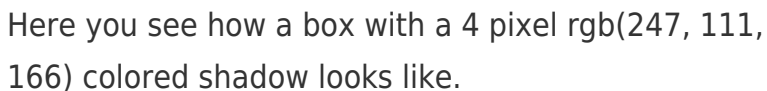
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 111, 166) }
```


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

```
.border{ border-color:rgb(247, 111, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 111, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 111, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 111, 166); box-shadow:4px 4px 4px 4px rgb(247, 111, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9251, 33.8962, 39.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 111, 166) }
```

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

```
.background{ background-color: rgb(247,  
111, 166) }
```

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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