

Converting Colors

XYZ(52.9626, 36.6791, 39.4103)

Have a look what the booklet for
XYZ(52.9626, 36.6791, 39.4103)
contains.

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Color

**XYZ(52.9626, 36.6791,
39.4103)**

Conversions

Conversions Part 1

Format	Color
Hex	FA79A4
RGB	250, 121, 164
RGB Percent	98%, 47%, 64%
CMY	0.0196, 0.5255, 0.3569
CMYK	0.00, 0.52, 0.34, 0.02
HSL	340°, 93%, 73%
HSV	340°, 52%, 98%
XYZ	52.9626, 36.6791, 39.4103
YIQ	164.4730, 63.0810, 40.7210

Conversions

Conversions Part 2

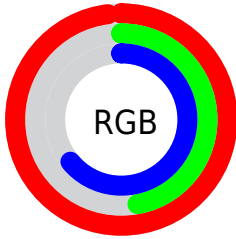
Format	Color
R_{YB}	250, 121, 164
Decimal	16415140
CIE _{Lab}	67.04, 53.53, 0.63
CIE _{LCh}	67, 53.539, 0.677
Yxy	36.6791, 0.4104, 0.2842
Android (android.graphics.Color)	4294605220 (0xFFFA79A4)
YUV	164.4730, -0.2332, 75.0072
Hunter-Lab	60.5633, 50.1126, 3.8125

Details

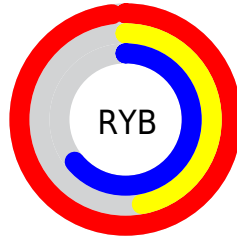
The XYZ color **52.9626, 36.6791, 39.4103** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.3352, 76.9422, 71.0762**, and the grayscale version is **35.4932, 37.3416, 40.6650**.

A 20% lighter version of the original color is **69.7483, 57.8188, 74.5018**, and **26.1080, 16.0134, 17.0441** is the 20% darker color. If you saturate the color by 10%, you get **48.9006, 30.8082, 31.1103**, and if you desaturate by 10%, it is **58.0109, 44.2067, 49.0131**.

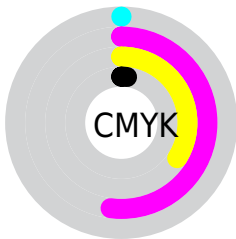
Distribution



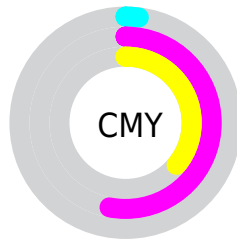
- Red (98%)
- Green (47%)
- Blue (64%)



- Red (98%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9626, 36.6791, 39.4103 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 52.9626, 36.6791, 39.4103 by changing the saturation by 10% instead.


 52.9626, 36.6791,
39.4103


 52.9626, 36.6791,
39.4103

388.4048,
331.9191, 359.1097


 38.0003, 24.9591,
26.7688


 93.7152, 70.0790,
75.4919

 26.1601, 16.0466,
17.1687


 120.2362, 92.5276,
99.7691

 17.0768, 9.5571,
10.1916


 151.3407,
119.3214, 128.7620

 10.3849, 5.1063,
5.4189

187.3942,
150.8445, 162.8890

 5.7191, 2.3098,
2.4321

228.7620,
187.4814, 202.5687

 2.7141, 0.7789,
0.8038

275.8095,

 1.0044, 0.0000,

229.6166, 248.2197

0.0000

328.9020,
277.6343, 300.2605

■ 0.0000, 0.0000,
0.0000

■ 52.9626, 36.6791,
39.4103

■ 52.9626, 36.6791,
39.4103

■ 48.9006, 30.8082,
31.1103

■ 58.0109, 44.2067,
49.0131

■ 45.7522, 26.4611,
24.0502

■ 64.1053, 53.4993,
59.9730

■ 43.4389, 23.4935,
18.1643

■ 71.3041, 64.6625,
72.3435

■ 41.8658, 21.7299,
13.3780

■ 79.6602, 77.7919,
86.1746

■ 40.9983, 20.9536,
10.1332

■ 89.2233, 92.9765,
101.5134

93.2344, 99.0640,
108.8150

Harmonies

Analogous

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



50.3589, 36.6791, 66.1440



52.9626, 36.6791, 39.4103



50.1231, 36.6791, 21.1619

Triad

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



52.9626, 36.6791, 39.4103



27.4742, 36.6791, 12.4674



27.7482, 36.6791, 93.1231

Complementary

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



52.9626, 36.6791, 39.4103



53.3352, 76.9422, 71.0762

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.



23.0638, 36.6791, 67.4357



52.9626, 36.6791, 39.4103



22.9238, 36.6791, 21.7679

Square

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



52.9626, 36.6791, 39.4103



34.6779, 36.6791, 9.8001



21.4420, 36.6791, 40.4690



35.0475, 36.6791, 103.5810

Rectangle

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



52.9626, 36.6791, 39.4103



45.7458, 36.6791, 14.3367



21.4420, 36.6791, 40.4690



25.8585, 36.6791, 85.5921

Sweetspot

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



52.9636, 36.6810, 39.4110



80.2011, 76.4420, 85.0221



49.8265, 33.8445, 94.3491



16.7687, 15.7365, 17.5411



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.



52.9636, 36.6810, 39.4110



50.9779, 31.9799, 32.1693



52.6246, 41.2017, 23.2707



17.4832, 17.3206, 19.1343



21.8062, 11.1382, 5.6876



2.0666, 1.0504, 0.7744

Inverse Universe

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



52.9636, 36.6810, 39.4110



50.9779, 31.9799, 32.1693



53.0231, 66.7307, 100.5284



17.4832, 17.3206, 19.1343



21.8062, 11.1382, 5.6876



2.0666, 1.0504, 0.7744

Previews

White Background



This preview shows how the XYZ color 52.9626, 36.6791, 39.4103 looks on a white background.

Color Contrast Check

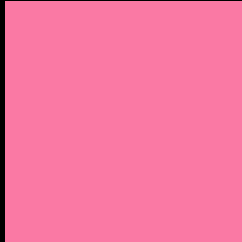
Large Text (above 18pt) WCAG AA × Fail

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 52.9626, 36.6791, 39.4103 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 52.9626, 36.6791, 39.4103

Background



This preview shows how black text looks on a background with the XYZ color 52.9626, 36.6791, 39.4103.



This preview shows how white text looks on a background with the XYZ color 52.9626, 36.6791,

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

52.9626, 36.6791, 39.4103

Protanopia

36.4037, 36.8857, 53.3451

Deuteranopia

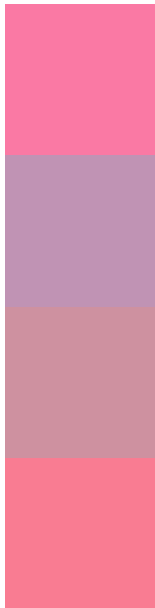
37.4545, 36.7461, 37.4664



Tritanopia

50.5454, 36.6274, 27.3274

Trichromacy



Original Color

52.9626, 36.6791, 39.4103

Protanomaly

40.4102, 35.3692, 47.8771

Deuteranomaly

41.9242, 35.9107, 37.9795

Tritanomaly

51.4629, 36.6304, 31.5521

Monochromacy



Original Color

52.9626, 36.6791, 39.4103

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.7964, 35.4622, 39.8694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9626, 36.6791, 39.4103 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(250, 121, 164)` looks like.

```
.text, #text, p{  
    color:rgb(250, 121, 164)  
}
```

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(250, 121, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 121, 164) }
```

Border

The CSS property to change the border of an element to XYZ 52.9626, 36.6791, 39.4103 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(250, 121, 164) }
```


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

```
.border{ border-color:rgb(250, 121, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 121, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 121, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 121, 164);  
box-shadow:4px 4px 4px 4px rgb(250, 121,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9626, 36.6791, 39.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 121, 164) }
```

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

```
.background{ background-color: rgb(250,  
121, 164) }
```

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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