

Converting Colors

XYZ(49.4335, 37.3465, 23.0155)

Have a look what the booklet for
XYZ(49.4335, 37.3465, 23.0155)
contains.

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Color

**XYZ(49.4203, 37.3201,
23.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	F5847A
RGB	245, 132, 122
RGB Percent	96%, 52%, 48%
CMY	0.0392, 0.4823, 0.5216
CMYK	0.00, 0.46, 0.50, 0.04
HSL	5°, 86%, 72%
HSV	5°, 50%, 96%
XYZ	49.4203, 37.3201, 23.0111
YIQ	164.6470, 70.5580, 20.8460

Conversions

Conversions Part 2

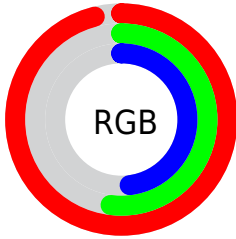
Format	Color
R _Y B	245, 133, 122
Decimal	16090234
CIE Lab	67.52, 42.08, 24.86
CIE LCh	68, 48.874, 30.579
Yxy	37.3201, 0.4503, 0.3400
Android (android.graphics.Color)	4294280314 (0xFFFF5847A)
YUV	164.6470, -21.0250, 70.4696
Hunter-Lab	61.0902, 37.4939, 20.4301

Details

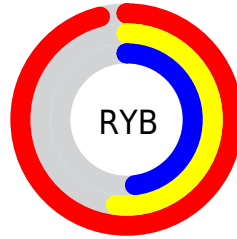
The XYZ color **49.4203, 37.3201, 23.0111** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.2141, 70.1433, 97.0676**, and the grayscale version is **35.6699, 37.5275, 40.8675**.

A 20% lighter version of the original color is **66.6503, 59.8566, 48.0850**, and **24.0788, 16.5326, 8.2254** is the 20% darker color. If you saturate the color by 10%, you get **45.3594, 31.3292, 15.0886**, and if you desaturate by 10%, it is **54.5241, 44.7846, 33.1695**.

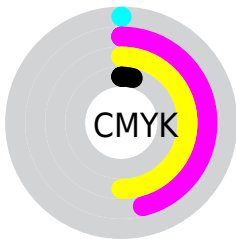
Distribution



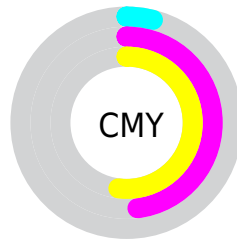
- Red (96%)
- Green (52%)
- Blue (48%)



- Red (96%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (46%)
- Yellow (50%)
- Black (4%)





- Cyan (4%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4203, 37.3201, 23.0111 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 49.4203, 37.3201, 23.0111 by changing the saturation by 10% instead.


 49.4203, 37.3201,
23.0111


 49.4203, 37.3201,
23.0111


374.8842,
334.6943, 280.9058


 35.1689, 25.4554,
14.3963


 88.5123, 71.0648,
49.3350

 23.9601, 16.4167,
8.2549


 114.0837, 93.7137,
67.8812

 15.4286, 9.8195,
4.1684


 144.1591,
120.7260, 90.5749

 9.2090, 5.2794,
1.7182

179.1039,
152.4863, 117.8347

 4.9360, 2.4121,
0.3731

219.2835,
189.3789, 150.0792

 2.2441, 0.8321,
0.0000

265.0631,

 0.7658, 0.0000,

231.7881, 187.7268

0.0000

316.8082,
280.0985, 231.1962

0.0000, 0.0000,
0.0000

49.4203, 37.3201,
23.0111

49.4203, 37.3201,
23.0111

45.3594, 31.3292,
15.0886

54.5241, 44.7846,
33.1695

42.2664, 26.7088,
9.2311

60.7331, 53.8052,
45.7130

40.0609, 23.3519,
5.2468

68.1082, 64.4654,
60.7806

38.6482, 21.1329,
2.9063

76.7050, 76.8407,
78.4998

37.9050, 19.9103,
1.8453

86.5753, 91.0023,
98.9895

91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



51.9684, 37.3201, 40.2182



49.4203, 37.3201, 23.0111



43.0523, 37.3201, 14.1998

Triad

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



49.4203, 37.3201, 23.0111



24.3168, 37.3201, 23.5108



35.6180, 37.3201, 97.6406

Complementary

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



49.4203, 37.3201, 23.0111



54.2141, 70.1433, 97.0676

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.



28.8376, 37.3201, 88.3809



49.4203, 37.3201, 23.0111



22.8974, 37.3201, 41.0551

Square

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



49.4203, 37.3201, 23.0111



28.6177, 37.3201, 14.4084



24.4306, 37.3201, 65.5287



43.3409, 37.3201, 87.6803

Rectangle

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



49.4203, 37.3201, 23.0111



37.8893, 37.3201, 11.9588



24.4306, 37.3201, 65.5287



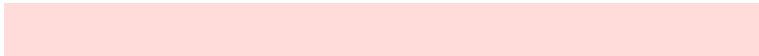
33.1590, 37.3201, 96.6467

Sweetspot

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



49.4212, 37.3220, 23.0118



79.2888, 77.3706, 76.2303



59.8726, 39.4345, 84.4235



16.5509, 15.9554, 15.4510



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.



49.4212, 37.3220, 23.0118



49.7061, 34.3549, 16.5817



59.9529, 58.3854, 26.5223



16.6074, 16.6990, 17.1455



20.4590, 10.8036, 1.0070



1.8347, 1.0227, 0.1007

Inverse Universe

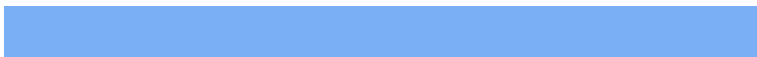
The Inverse Universe completely reimagines the original color for something new.



54.2141, 70.1433, 97.0676



55.4466, 73.8790, 105.9455



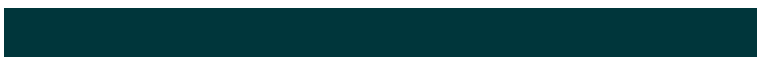
39.8961, 41.5073, 92.2949



16.8746, 18.5136, 21.2267



23.4430, 32.6799, 51.6103



2.0939, 2.9392, 4.5472

Previews

White Background



This preview shows how the XYZ color 49.4203, 37.3201, 23.0111 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 49.4203, 37.3201, 23.0111 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 49.4203, 37.3201, 23.0111

Background



This preview shows how black text looks on a background with the XYZ color 49.4203, 37.3201, 23.0111.



This preview shows how white text looks on a background with the XYZ color 49.4203, 37.3201,

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

49.4203, 37.3201, 23.0111

Protanopia

35.2464, 37.3557, 29.0196

Deuteranopia

38.2027, 37.4738, 22.0493



Tritanopia

50.6489, 37.4222, 28.9798

Trichromacy



Original Color

49.4203, 37.3201, 23.0111

Protanomaly

39.2125, 36.4018, 26.7893

Deuteranomaly

41.8088, 37.1229, 22.4146

Tritanomaly

50.3560, 37.5189, 26.7781

Monochromacy



Original Color

49.4203, 37.3201, 23.0111

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.0642, 36.4217, 33.4050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4203, 37.3201, 23.0111 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(245, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 122)  
}
```

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(245, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 122) }
```

Border

The CSS property to change the border of an element to XYZ 49.4203, 37.3201, 23.0111 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(245, 132, 122) }
```


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

```
.border{ border-color:rgb(245, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 132, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 132, 122); box-shadow:4px 4px 4px 4px rgb(245, 132, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4203, 37.3201, 23.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 122) }
```

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

```
.background{ background-color: rgb(245,  
132, 122) }
```

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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