

Converting Colors

XYZ(81.5545, 46.9339, 50.8813)

Have a look what the booklet for
XYZ(81.5545, 46.9339, 50.8813)
contains.

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Color

**XYZ(53.9997, 32.7682,
49.3777)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5EB9
RGB	255, 94, 185
RGB Percent	100%, 37%, 73%
CMY	0.0000, 0.6313, 0.2745
CMYK	0.00, 0.63, 0.27, 0.00
HSL	326°, 100%, 68%
HSV	326°, 63%, 100%
XYZ	53.9997, 32.7682, 49.3777
YIQ	152.5130, 66.7450, 62.4330

Conversions

Conversions Part 2

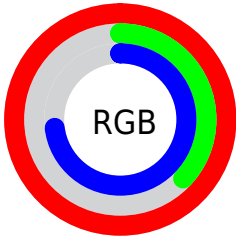
Format	Color
R _Y B	255, 94, 185
Decimal	16735929
CIE Lab	63.97, 69.40, -15.77
CIE LCh	64, 71.175, 347.196
Yxy	32.7682, 0.3966, 0.2407
Android (android.graphics.Color)	4294926009 (0xFFFF5EB9)
YUV	152.5130, 16.0161, 89.8811
Hunter-Lab	57.2435, 68.2088, -11.0725

Details

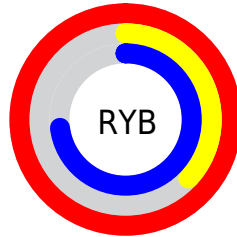
The XYZ color **53.9997, 32.7682, 49.3777** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **47.0786, 76.5808, 47.4262**, and the grayscale version is **29.9808, 31.5422, 34.3494**.

A 20% lighter version of the original color is **68.3454, 50.0673, 89.2809**, and **26.7396, 13.7885, 23.0819** is the 20% darker color. If you saturate the color by 10%, you get **50.9695, 28.5087, 42.8163**, and if you desaturate by 10%, it is **57.8714, 38.5646, 56.6707**.

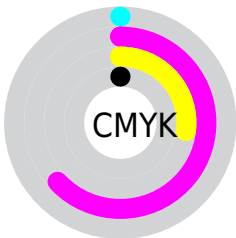
Distribution



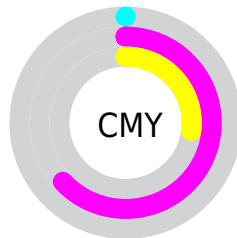
- Red (100%)
- Green (37%)
- Blue (73%)



- Red (100%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9997, 32.7682, 49.3777 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 53.9997, 32.7682, 49.3777 by changing the saturation by 10% instead.


 53.9997, 32.7682,
49.3777


 53.9997, 32.7682,
49.3777


392.3072,
314.6039, 400.8925


 38.8321, 21.9489,
34.5515

 95.2307, 64.0135,
90.6390


 26.8093, 13.8194,
23.0368


 122.0248, 85.2082,
117.9111

 17.5659, 7.9951,
14.4151


 153.4251,
110.6303, 150.1689

 10.7366, 4.0918,
8.2679

 189.7970,
140.6641, 187.8309

 5.9560, 1.7251,
4.1766

231.5058,
175.6939, 231.3158

 2.8587, 0.4398,
1.7227

278.9169,

 1.0795, 0.0000,

216.1043, 281.0420

0.3762

332.3956,
262.2795, 337.4280

■ 0.0079, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9997, 32.7682,
49.3777

■ 53.9997, 32.7682,
49.3777

■ 50.9695, 28.5087,
42.8163

■ 57.8714, 38.5646,
56.6707

■ 48.6994, 25.6265,
36.9481

■ 62.6507, 46.0271,
64.7261

■ 47.0945, 23.9353,
31.7312

■ 68.3997, 55.2764,
73.5746

■ 46.2836, 23.2774,
28.4893

■ 75.1738, 66.4206,
83.2439

83.0244, 79.5594,
93.7602

91.9990, 94.7852,
105.1482

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.



47.5521, 32.7682, 87.9296



53.9997, 32.7682, 49.3777



53.4493, 32.7682, 21.7103

Triad

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



53.9997, 32.7682, 49.3777



25.7827, 32.7682, 4.6466



19.7894, 32.7682, 93.5065

Complementary

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



53.9997, 32.7682, 49.3777



47.0786, 76.5808, 47.4262

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.



16.1115, 32.7682, 54.6334



53.9997, 32.7682, 49.3777



19.0267, 32.7682, 9.7646

Square

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



53.9997, 32.7682, 49.3777



35.6193, 32.7682, 4.3707



15.8662, 32.7682, 24.7817



27.0624, 32.7682, 121.2266

Rectangle

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



53.9997, 32.7682, 49.3777



49.1790, 32.7682, 11.6162



15.8662, 32.7682, 24.7817



18.1665, 32.7682, 80.5888

Sweetspot

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



54.0005, 32.7698, 49.3783



78.2857, 71.6046, 87.4870



37.3163, 23.0952, 97.0988



16.2912, 14.5507, 18.0941



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.



54.0005, 32.7698, 49.3783



50.2449, 27.5491, 41.0651



47.7800, 30.2816, 16.6217



18.4395, 18.1591, 20.9313



24.2606, 12.1935, 15.2885



2.4170, 1.2092, 1.7776

Inverse Universe

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



54.0005, 32.7698, 49.3783



50.2449, 27.5491, 41.0651



56.7468, 80.4481, 98.3380



18.4395, 18.1591, 20.9313



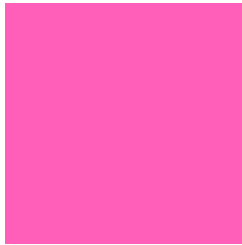
24.2606, 12.1935, 15.2885



2.4170, 1.2092, 1.7776

Previews

White Background



This preview shows how the XYZ color 53.9997, 32.7682, 49.3777 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 53.9997, 32.7682, 49.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

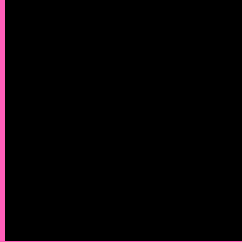
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9997, 32.7682, 49.3777

Background



This preview shows how black text looks on a background with the XYZ color 53.9997, 32.7682, 49.3777.



This preview shows how white text looks on a background with the XYZ color 53.9997, 32.7682,

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

53.9997, 32.7682, 49.3777

Protanopia

34.6164, 33.1538, 77.2479

Deuteranopia

33.4003, 32.7414, 45.6336



Tritanopia

47.9129, 32.5996, 20.9066

Trichromacy



Original Color

53.9997, 32.7682, 49.3777



Protanomaly

38.0394, 30.4861, 66.1669



Deuteranomaly

38.6250, 30.8220, 46.5613



Tritanomaly

49.6165, 32.3629, 29.2228

Monochromacy



Original Color

53.9997, 32.7682, 49.3777



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

36.2780, 30.1663, 39.5079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9997, 32.7682, 49.3777 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, 94, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 185)  
}
```

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, 94, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.9997, 32.7682, 49.3777 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, 94, 185) }
```


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

```
.border{ border-color:rgb(255, 94, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9997, 32.7682, 49.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 185) }
```

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

```
.background{ background-color: rgb(255, 94,  
185) }
```

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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