

Converting Colors

XYZ(93.5619, 52.9945, 51.4468)

Have a look what the booklet for
XYZ(93.5619, 52.9945, 51.4468)
contains.

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Color

**XYZ(53.9113, 32.5915,
49.3483)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DB9
RGB	255, 93, 185
RGB Percent	100%, 36%, 73%
CMY	0.0000, 0.6353, 0.2745
CMYK	0.00, 0.64, 0.27, 0.00
HSL	326°, 100%, 68%
HSV	326°, 64%, 100%
XYZ	53.9113, 32.5915, 49.3483
YIQ	151.9260, 67.0200, 62.9560

Conversions

Conversions Part 2

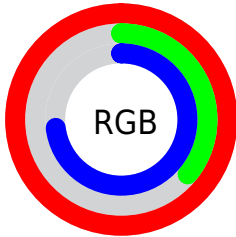
Format	Color
R _Y B	255, 93, 185
Decimal	16735673
CIE Lab	63.83, 69.80, -15.99
CIE LCh	64, 71.608, 347.096
Yxy	32.5915, 0.3968, 0.2399
Android (android.graphics.Color)	4294925753 (0xFFFF5DB9)
YUV	151.9260, 16.3055, 90.3959
Hunter-Lab	57.0890, 68.6587, -11.2886

Details

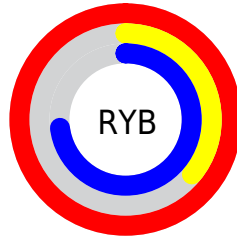
The XYZ color **53.9113, 32.5915, 49.3483** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **46.8868, 76.4923, 46.9477**, and the grayscale version is **29.7263, 31.2744, 34.0578**.

A 20% lighter version of the original color is **68.3454, 50.0673, 89.2809**, and **26.6812, 13.6716, 23.0624** is the 20% darker color. If you saturate the color by 10%, you get **50.9157, 28.3904, 42.8313**, and if you desaturate by 10%, it is **57.7446, 38.3235, 56.5900**.

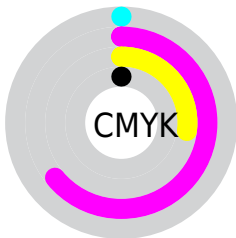
Distribution



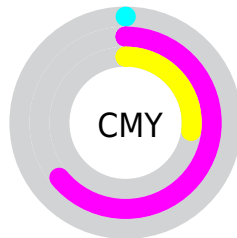
- Red (100%)
- Green (36%)
- Blue (73%)



- Red (100%)
- Yellow (36%)
- Blue (73%)



- Cyan (0%)
- Magenta (64%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9113, 32.5915, 49.3483 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 53.9113, 32.5915, 49.3483 by changing the saturation by 10% instead.


 53.9113, 32.5915,
49.3483

 53.9113, 32.5915,
49.3483


391.9756,
313.8050, 400.7737


 38.7611, 21.8137,
34.5283

 95.1017, 63.7372,
90.5949


 26.7538, 13.7201,
23.0191


 121.8726, 84.8739,
117.8585

 17.5241, 7.9262,
14.4022


 153.2478,
110.2324, 150.1072

 10.7065, 4.0478,
8.2590

 189.5926,
140.1970, 187.7593

 5.9356, 1.7003,
4.1710

231.2724,
175.1522, 231.2335

 2.8463, 0.4239,
1.7196

278.6526,

 1.0730, 0.0000,

215.4823, 280.9482

0.3741

332.0986,
261.5718, 337.3221

■ 0.0023, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9113, 32.5915,
49.3483

■ 53.9113, 32.5915,
49.3483

■ 50.9157, 28.3904,
42.8313

■ 57.7446, 38.3235,
56.5900

■ 48.6758, 25.5596,
37.0007


■ 62.4819, 45.7162,
64.5872


■ 47.0958, 23.9110,
31.8145

■ 68.1853, 54.8908,
73.3705

■ 46.3362, 23.2985,
28.7660

■ 74.9108, 65.9558,
82.9675

 82.7095, 79.0111,
93.4042

 91.6293, 94.1494,
104.7051

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.



47.4128, 32.5915, 88.1247



53.9113, 32.5915, 49.3483



53.3832, 32.5915, 21.5673

Triad

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



53.9113, 32.5915, 49.3483



25.6325, 32.5915, 4.5086



19.5885, 32.5915, 93.4838

Complementary

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



53.9113, 32.5915, 49.3483



46.8868, 76.4923, 46.9477

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.



15.9251, 32.5915, 54.3867



53.9113, 32.5915, 49.3483



18.8606, 32.5915, 9.5585

Square

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



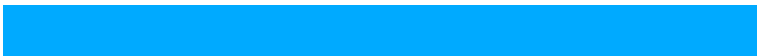
53.9113, 32.5915, 49.3483



35.5000, 32.5915, 4.2487



15.6913, 32.5915, 24.4991



26.8560, 32.5915, 121.4836

Rectangle

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



53.9113, 32.5915, 49.3483



49.1054, 32.5915, 11.4660



15.6913, 32.5915, 24.4991



17.9702, 32.5915, 80.4739

Sweetspot

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



53.9122, 32.5931, 49.3489



78.3044, 71.6121, 87.5854



36.5636, 22.5761, 97.0382



16.2958, 14.5525, 18.1179



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.



53.9122, 32.5931, 49.3489



50.2945, 27.5689, 41.3263



47.7832, 30.1415, 17.0742



18.4416, 18.1599, 20.9425



24.2880, 12.2045, 15.4329



2.4197, 1.2102, 1.7914

Inverse Universe

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



53.9122, 32.5931, 49.3489



50.2945, 27.5689, 41.3263



56.2272, 80.2285, 96.1340



18.4416, 18.1599, 20.9425



24.2880, 12.2045, 15.4329



2.4197, 1.2102, 1.7914

Previews

White Background



This preview shows how the XYZ color 53.9113, 32.5915, 49.3483 looks on a white background.

Color Contrast Check

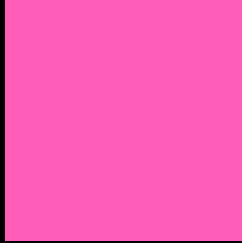
Large Text (above 18pt) WCAG AA × Fail

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 53.9113, 32.5915, 49.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

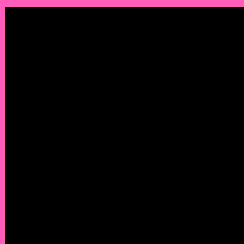
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9113, 32.5915, 49.3483

Background



This preview shows how black text looks on a background with the XYZ color 53.9113, 32.5915, 49.3483.



This preview shows how white text looks on a background with the XYZ color 53.9113, 32.5915,

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

53.9113, 32.5915, 49.3483

Protanopia

34.4377, 32.8037, 77.9155

Deuteranopia

33.4003, 32.7414, 45.6336



Tritanopia

47.8537, 32.5760, 20.5952

Trichromacy



Original Color

53.9113, 32.5915, 49.3483



Protanomaly

37.6792, 30.1000, 66.1113



Deuteranomaly

38.6250, 30.8220, 46.5613



Tritanomaly

49.6165, 32.3629, 29.2228

Monochromacy



Original Color

53.9113, 32.5915, 49.3483



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

35.8034, 29.7318, 38.9737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9113, 32.5915, 49.3483 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, 93, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 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, 93, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.9113, 32.5915, 49.3483 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, 93, 185) }
```


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

```
.border{ border-color:rgb(255, 93, 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, 93, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9113, 32.5915, 49.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 185) }
```

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

```
.background{ background-color: rgb(255, 93,  
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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