

# Converting Colors

XYZ(53.0881, 29.9181, 52.2403)

Have a look what the booklet for  
XYZ(53.0881, 29.9181, 52.2403)  
contains.

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# Color

**XYZ(53.0927, 29.9191,  
52.2669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4ABF
RGB	255, 74, 191
RGB Percent	100%, 29%, 75%
CMY	0.0000, 0.7098, 0.2510
CMYK	0.00, 0.71, 0.25, 0.00
HSL	321°, 100%, 65%
HSV	321°, 71%, 100%
XYZ	53.0927, 29.9191, 52.2669
YIQ	141.4570, 70.3190, 74.7590

# Conversions

## Conversions Part 2

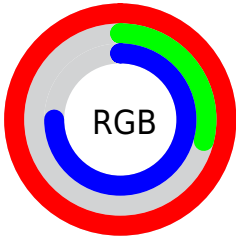
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 74, 191
Decimal	16730815
CIE Lab	61.58, 77.37, -22.83
CIE LCh	62, 80.667, 343.558
Yxy	29.9191, 0.3925, 0.2212
Android (android.graphics.Color)	4294920895 (0xFFFF4ABF)
YUV	141.4570, 24.4247, 99.5772
Hunter-Lab	54.6984, 77.5381, -18.3656

# Details

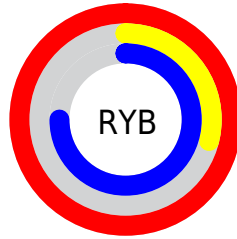
The XYZ color **53.0927, 29.9191, 52.2669** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **43.1730, 74.8115, 36.2132**, and the grayscale version is **25.3863, 26.7083, 29.0854**.

A 20% lighter version of the original color is **66.9874, 45.6456, 94.0868**, and **26.7635, 13.2755, 24.8187** is the 20% darker color. If you saturate the color by 10%, you get **50.7597, 26.7926, 46.7432**, and if you desaturate by 10%, it is **56.1778, 34.4517, 58.3433**.

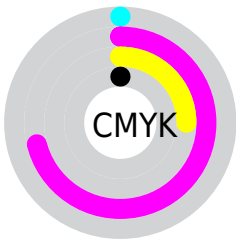
# Distribution



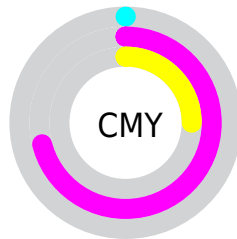
- Red (100%)
- Green (29%)
- Blue (75%)



- Red (100%)
- Yellow (29%)
- Blue (75%)



- Cyan (0%)
- Magenta (71%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0927, 29.9191, 52.2669 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 53.0927, 29.9191, 52.2669 by changing the saturation by 10% instead.




 53.0927, 29.9191,  
52.2669


 53.0927, 29.9191,  
52.2669


388.8957,  
301.5272, 412.4524


 38.1046, 19.7772,  
36.8342


 93.9055, 59.5342,  
94.9553


 26.2414, 12.2332,  
24.7843


 120.4608, 79.7762,  
123.0481

 17.1380, 6.9027,  
15.6989


 151.6026,  
104.1537, 156.1979

 10.4288, 3.4013,  
9.1593

 187.6962,  
133.0511, 194.8234

 5.7486, 1.3447,  
4.7470

229.1070,  
166.8527, 239.3430

 2.7320, 0.1754,  
2.0435

276.2002,

 1.0137, 0.0000,

205.9430, 290.1754

0.5818

329.3414,  
250.7064, 347.7390

■ 0.0000, 0.0000,  
0.0000

■ 53.0927, 29.9191,  
52.2669

■ 53.0927, 29.9191,  
52.2669

■ 50.7597, 26.7926,  
46.7432

■ 56.1778, 34.4517,  
58.3433

■ 49.0862, 24.8890,  
41.7351

■ 60.0879, 40.5351,  
65.0011

■ 48.0160, 23.9704,  
37.6121

■ 64.8897, 48.3007,  
72.2680

■ 70.6420, 57.8647,  
80.1685

■ 77.3987, 69.3329,  
88.7254

85.2091, 82.8028,  
97.9600

94.1196, 98.3654,  
107.8923

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.



45.1055, 29.9191, 96.6686



53.0927, 29.9191, 52.2669



53.5001, 29.9191, 20.6214

# Triad

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



53.0927, 29.9191, 52.2669



23.8805, 29.9191, 2.3076



15.9794, 29.9191, 92.4031

# Complementary

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



53.0927, 29.9191, 52.2669



43.1730, 74.8115, 36.2132

# 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.



12.7565, 29.9191, 48.4389



53.0927, 29.9191, 52.2669



16.4831, 29.9191, 5.8132

# Square

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



53.0927, 29.9191, 52.2669



34.6684, 29.9191, 2.4415



12.9142, 29.9191, 18.5810



23.0013, 29.9191, 128.0990



# Rectangle

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



53.0927, 29.9191, 52.2669



49.2638, 29.9191, 9.6515



12.9142, 29.9191, 18.5810



14.5047, 29.9191, 77.2227

# Sweetspot

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



53.0935, 29.9206, 52.2674



77.3814, 69.3033, 88.7042



30.8746, 17.4676, 96.3520



16.1415, 14.1143, 18.4664



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.



53.0935, 29.9206, 52.2674



50.0127, 25.8909, 44.6682



46.0463, 27.1017, 15.1571



18.5039, 18.1849, 21.2709



25.1630, 12.5545, 20.0408



2.5020, 1.2432, 2.2249



# Inverse Universe

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



53.0935, 29.9206, 52.2674



50.0127, 25.8909, 44.6682



52.5679, 78.5695, 85.6856



18.5039, 18.1849, 21.2709



25.1630, 12.5545, 20.0408



2.5020, 1.2432, 2.2249



# Previews

## White Background



This preview shows how the XYZ color 53.0927, 29.9191, 52.2669 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

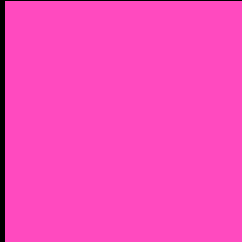
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.0927, 29.9191, 52.2669 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

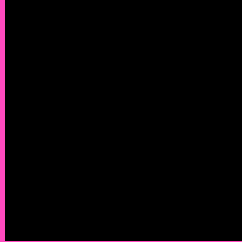
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 53.0927, 29.9191, 52.2669**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.0927, 29.9191, 52.2669.



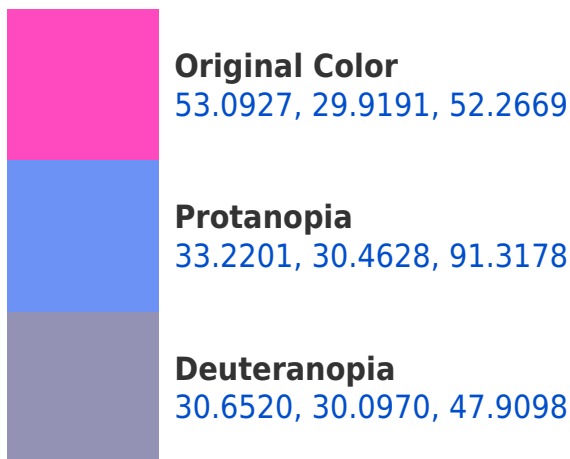
This preview shows how white text looks on a background with the XYZ color 53.0927, 29.9191,



# 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





## Tritanopia

45.7230, 29.9001, 16.7260

# Trichromacy



## Original Color

53.0927, 29.9191, 52.2669



## Protanomaly

35.3442, 26.6053, 75.2240



## Deuteranomaly

35.7231, 27.3748, 49.3000



## Tritanomaly

47.8838, 29.5991, 26.4820

# Monochromacy



## Original Color

53.0927, 29.9191, 52.2669



## Achromatopsia

25.3171, 26.6356, 29.0061



## Achromatomaly

31.9107, 25.1709, 35.9775

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.0927, 29.9191, 52.2669 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, 74, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 191)  
}
```

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, 74, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 53.0927, 29.9191, 52.2669 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, 74, 191) }
```



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

```
.border{ border-color:rgb(255, 74, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.0927, 29.9191, 52.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 191) }
```

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

```
.background{ background-color: rgb(255, 74,  
191) }
```

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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