

Converting Colors

XYZ(50.2198, 29.3311, 35.4076)

Have a look what the booklet for
XYZ(50.2198, 29.3311, 35.4076)
contains.

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Color

**XYZ(50.2075, 29.3206,
35.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4F9E
RGB	255, 79, 158
RGB Percent	100%, 31%, 62%
CMY	0.0000, 0.6902, 0.3804
CMYK	0.00, 0.69, 0.38, 0.00
HSL	333°, 100%, 65%
HSV	333°, 69%, 100%
XYZ	50.2075, 29.3206, 35.3610
YIQ	140.6300, 79.5370, 61.8810

Conversions

Conversions Part 2

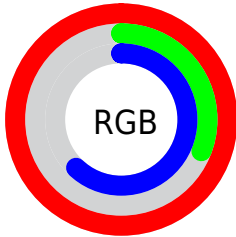
Format	Color
R_{YB}	255, 79, 158
Decimal	16732062
CIE _{Lab}	61.06, 72.01, -4.61
CIE _{LCh}	61, 72.162, 356.341
Yxy	29.3206, 0.4370, 0.2552
Android (android.graphics.Color)	4294922142 (0xFFFF4F9E)
YUV	140.6300, 8.5634, 100.3025
Hunter-Lab	54.1485, 70.7487, -0.8146

Details

The XYZ color **50.2075, 29.3206, 35.3610** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **46.8228, 76.3176, 53.3427**, and the grayscale version is **25.1203, 26.4285, 28.7806**.

A 20% lighter version of the original color is **62.4829, 44.5293, 68.2526**, and **24.6462, 12.3990, 15.0042** is the 20% darker color. If you saturate the color by 10%, you get **47.5664, 25.8650, 28.8493**, and if you desaturate by 10%, it is **53.6936, 34.2445, 42.8375**.

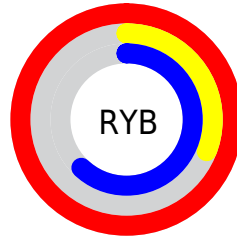
Distribution



Red (100%)

Green (31%)

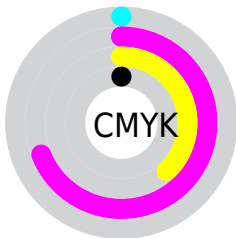
Blue (62%)



Red (100%)

Yellow (31%)

Blue (62%)

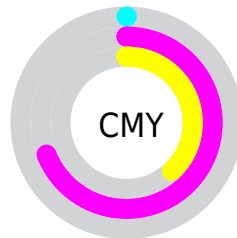


Cyan (0%)

Magenta (69%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2075, 29.3206, 35.3610 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 50.2075, 29.3206, 35.3610 by changing the saturation by 10% instead.


 50.2075, 29.3206,
35.3610


 50.2075, 29.3206,
35.3610


377.9154,
298.7246, 341.1115


 35.7968, 19.3235,
23.6553


 89.6722, 58.5861,
69.2025

 24.4467, 11.9043,
14.8683


 115.4569, 78.6232,
92.1755

 15.7918, 6.6785,
8.5814


 145.7637,
102.7758, 119.7412

 9.4669, 3.2619,
4.3761

 180.9578,
131.4283, 152.3184

 5.1065, 1.2699,
1.8339

221.4047,
164.9650, 190.3254

 2.3453, 0.1177,
0.4502

267.4697,

 0.8177, 0.0000,

203.7704, 234.1809

0.0000

319.5182,
248.2288, 284.3034

■ 0.0000, 0.0000,
0.0000

■ 50.2075, 29.3206,
35.3610

■ 50.2075, 29.3206,
35.3610

■ 47.5664, 25.8650,
28.8493

■ 53.6936, 34.2445,
42.8375

■ 45.6774, 23.6998,
23.2478

■ 58.0987, 40.7781,
51.3246

■ 44.4100, 22.5716,
18.4892

■ 63.4911, 49.0510,
60.8661

■ 44.3030, 22.4852,
18.0599

■ 69.9317, 59.1785,
71.5023

■ 77.4762, 71.2658,
83.2709

86.1762, 85.4101,
96.2077

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



45.8844, 29.3206, 70.3040



50.2075, 29.3206, 35.3610



47.5196, 29.3206, 13.9600

Triad

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



50.2075, 29.3206, 35.3610



20.5612, 29.3206, 4.3173



18.9652, 29.3206, 97.7424

Complementary

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



50.2075, 29.3206, 35.3610



46.8228, 76.3176, 53.3427

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.



14.5548, 29.3206, 61.0143



50.2075, 29.3206, 35.3610



15.3195, 29.3206, 10.9028

Square

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



50.2075, 29.3206, 35.3610



29.0436, 29.3206, 3.0671



13.3884, 29.3206, 28.7194



26.7253, 29.3206, 117.0538

Rectangle

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



50.2075, 29.3206, 35.3610



42.3817, 29.3206, 7.1429



13.3884, 29.3206, 28.7194



17.1161, 29.3206, 86.2798

Sweetspot

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



50.2083, 29.3222, 35.3615



75.8886, 68.7062, 80.8434



38.7072, 22.0210, 96.8179



15.7865, 13.9723, 16.5972



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.



50.2083, 29.3222, 35.3615



46.7292, 24.8583, 26.5113



46.1258, 28.7730, 10.5219



18.3482, 18.1226, 20.4510



23.2220, 11.7781, 9.8196



2.3151, 1.1684, 1.2410

Inverse Universe

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



50.2083, 29.3222, 35.3615



46.7292, 24.8583, 26.5113



54.2921, 74.9162, 106.2063



18.3482, 18.1226, 20.4510



23.2220, 11.7781, 9.8196



2.3151, 1.1684, 1.2410

Previews

White Background



This preview shows how the XYZ color 50.2075, 29.3206, 35.3610 looks on a white background.

Color Contrast Check

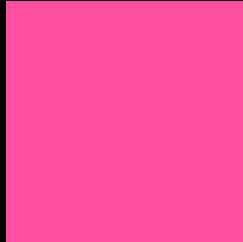
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2075, 29.3206, 35.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

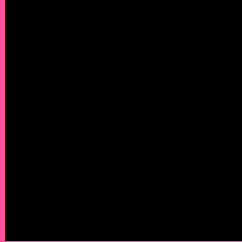
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.2075, 29.3206, 35.3610

Background



This preview shows how black text looks on a background with the XYZ color 50.2075, 29.3206, 35.3610.



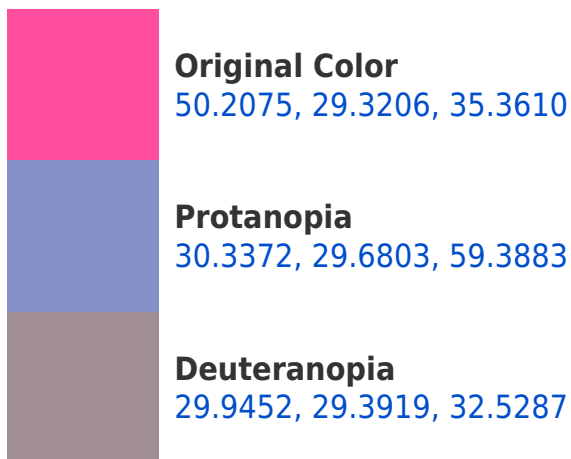
This preview shows how white text looks on a background with the XYZ color 50.2075, 29.3206,

35.3610.

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

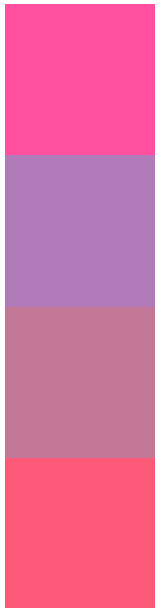




Tritanopia

45.9501, 29.2388, 15.0262

Trichromacy



Original Color

50.2075, 29.3206, 35.3610

Protanomaly

33.8480, 26.7690, 49.2819

Deuteranomaly

34.8896, 27.3020, 33.1367

Tritanomaly

47.0248, 29.0310, 20.8944

Monochromacy



Original Color

50.2075, 29.3206, 35.3610

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

31.0363, 25.0085, 30.7951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2075, 29.3206, 35.3610 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, 79, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 158)  
}
```

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, 79, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 158) }
```

Border

The CSS property to change the border of an element to XYZ 50.2075, 29.3206, 35.3610 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, 79, 158) }
```


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

```
.border{ border-color:rgb(255, 79, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 79, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 79, 158); box-shadow:4px 4px 4px 4px rgb(255, 79, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2075, 29.3206, 35.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 158) }
```

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

```
.background{ background-color: rgb(255, 79,  
158) }
```

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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