

Converting Colors

XYZ(46.3221, 24.9731, 32.5158)

Have a look what the booklet for
XYZ(46.3221, 24.9731, 32.5158)
contains.

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Color

**XYZ(46.3579, 24.9916,
32.5175)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA3399 |
| RGB | 250, 51, 153 |
| RGB Percent | 98%, 20%, 60% |
| CMY | 0.0196, 0.7999, 0.4000 |
| CMYK | 0.00, 0.80, 0.39, 0.02 |
| HSL | 329°, 95%, 59% |
| HSV | 329°, 80%, 98% |
| XYZ | 46.3579, 24.9916, 32.5175 |
| YIQ | 122.1290, 85.8620, 73.9100 |

Conversions

Conversions Part 2

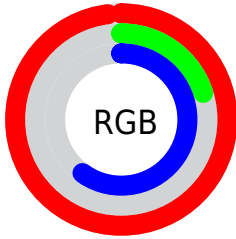
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 250, 51, 153 |
| Decimal | 16397209 |
| CIE Lab | 57.07, 78.63, -7.71 |
| CIE LCh | 57, 79.011, 354.402 |
| Yxy | 24.9916, 0.4463, 0.2406 |
| Android (android.graphics.Color) | 4294587289 (0xFFFA3399) |
| YUV | 122.1290, 15.2194, 112.1429 |
| Hunter-Lab | 49.9916, 78.0402, -3.5716 |

Details

The XYZ color **46.3579, 24.9916, 32.5175** 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 **40.8982, 71.2139, 39.6139**, and the grayscale version is **18.4756, 19.4377, 21.1677**.

A 20% lighter version of the original color is **58.9809, 38.7219, 63.3969**, and **23.1373, 11.6507, 13.5997** is the 20% darker color. If you saturate the color by 10%, you get **44.5879, 22.9810, 27.2123**, and if you desaturate by 10%, it is **48.8184, 28.2186, 38.5605**.

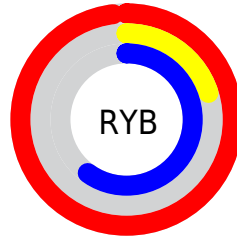
Distribution



Red (98%)

Green (20%)

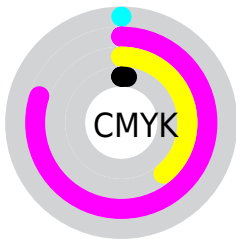
Blue (60%)



Red (98%)

Yellow (20%)

Blue (60%)

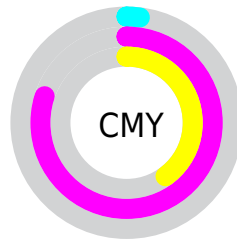


Cyan (0%)

Magenta (80%)

Yellow (39%)

Black (2%)



Cyan (2%)

Magenta (80%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3579, 24.9916, 32.5175 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 46.3579, 24.9916, 32.5175 by changing the saturation by 10% instead.


 46.3579, 24.9916,
32.5175


 46.3579, 24.9916,
32.5175


362.9375,
277.7961, 328.0350

 32.7342, 16.0708,
21.4890


 83.9790, 51.6436,
64.7288

 22.0811, 9.5743,
13.2872


 108.7070, 70.1436,
86.7487


 14.0335, 5.1176,
7.4936

 137.8672, 92.6054,
113.2694

 8.2258, 2.3164,
3.6895

 171.8248,
119.4135, 144.7095

 4.2928, 0.7824,
1.4566

 210.9453,
150.9522, 181.4876

 1.8691, 0.0000,
0.1853

255.5941,

 0.5588, 0.0000,

187.6059, 224.0222

0.0000

306.1363,
229.7591, 272.7318

■ 0.0000, 0.0000,
0.0000

■ 46.3579, 24.9916,
32.5175

■ 46.3579, 24.9916,
32.5175

■ 44.5879, 22.9810,
27.2123

■ 48.8184, 28.2186,
38.5605

■ 43.3729, 21.9211,
22.5842

■ 52.0527, 32.8239,
45.3829

■ 43.3291, 21.8859,
22.4079

■ 56.1336, 38.9485,
53.0233

■ 61.1244, 46.7149,
61.5160

■ 67.0822, 56.2329,
70.8931

74.0590, 67.6027,
81.1844

82.1032, 80.9170,
92.4181

91.2598, 96.2620,
104.6209

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



41.4573, 24.9916, 69.2186



46.3579, 24.9916, 32.5175



44.0368, 24.9916, 11.0665

Triad

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



46.3579, 24.9916, 32.5175



17.1069, 24.9916, 2.1462



14.7932, 24.9916, 93.6834

Complementary

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



46.3579, 24.9916, 32.5175



40.8982, 71.2139, 39.6139

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.



10.9096, 24.9916, 54.3186



46.3579, 24.9916, 32.5175



11.9809, 24.9916, 6.9650

Square

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



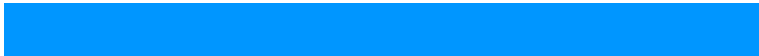
46.3579, 24.9916, 32.5175



25.5406, 24.9916, 1.4443



10.0342, 24.9916, 22.5168



22.0523, 24.9916, 116.5904

Rectangle

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



46.3579, 24.9916, 32.5175



38.9522, 24.9916, 4.8088



10.0342, 24.9916, 22.5168



13.1338, 24.9916, 81.0558

Sweetspot

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



46.3586, 24.9930, 32.5179



74.1006, 65.1999, 80.0326



30.5069, 15.4921, 91.8246



15.3137, 13.0661, 16.3175



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.



46.3586, 24.9930, 32.5179



45.7709, 23.2495, 25.2434



41.2825, 22.9626, 5.7876



17.6160, 17.3737, 19.8334



23.0562, 11.6382, 12.2705



2.1890, 1.0993, 1.4186

Inverse Universe

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



46.3586, 24.9930, 32.5179



45.7709, 23.2495, 25.2434



52.2913, 75.7712, 99.6090



17.6160, 17.3737, 19.8334



23.0562, 11.6382, 12.2705



2.1890, 1.0993, 1.4186

Previews

White Background



This preview shows how the XYZ color 46.3579, 24.9916, 32.5175 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 46.3579, 24.9916, 32.5175 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 46.3579, 24.9916, 32.5175

Background



This preview shows how black text looks on a background with the XYZ color 46.3579, 24.9916, 32.5175.



This preview shows how white text looks on a background with the XYZ color 46.3579, 24.9916,

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

46.3579, 24.9916, 32.5175

Protanopia

26.6085, 25.2777, 62.5081

Deuteranopia

25.5582, 25.0541, 29.4755



Tritanopia

41.5474, 24.9947, 9.8424

Trichromacy



Original Color

46.3579, 24.9916, 32.5175



Protanomaly

28.8202, 21.1699, 49.5809



Deuteranomaly

30.1243, 22.1214, 30.2859



Tritanomaly

42.8558, 24.6905, 15.8716

Monochromacy



Original Color

46.3579, 24.9916, 32.5175



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

24.7787, 18.4942, 24.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3579, 24.9916, 32.5175 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(250, 51, 153)` looks like.

```
.text, #text, p{  
  color:rgb(250, 51, 153)  
}
```

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(250, 51, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 51, 153) }
```

Border

The CSS property to change the border of an element to XYZ 46.3579, 24.9916, 32.5175 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(250, 51, 153) }
```


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

```
.border{ border-color:rgb(250, 51, 153) }
```

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

Here you see how a box with a 4 pixel rgb(250, 51, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 51, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 51, 153);  
box-shadow:4px 4px 4px 4px rgb(250, 51,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3579, 24.9916, 32.5175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 51, 153) }
```

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

```
.background{ background-color: rgb(250, 51,  
153) }
```

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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