

Converting Colors

XYZ(46.6329, 24.6748, 26.4514)

Have a look what the booklet for
XYZ(46.6329, 24.6748, 26.4514)
contains.

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Color

**XYZ(46.6204, 24.6809,
26.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	FF298A
RGB	255, 41, 138
RGB Percent	100%, 16%, 54%
CMY	0.0000, 0.8391, 0.4588
CMYK	0.00, 0.84, 0.46, 0.00
HSL	333°, 100%, 58%
HSV	333°, 84%, 100%
XYZ	46.6204, 24.6809, 26.3515
YIQ	116.0440, 96.4070, 75.5350

Conversions

Conversions Part 2

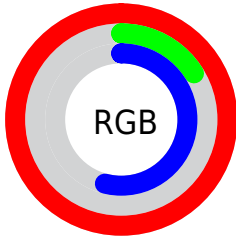
Format	Color
R_{YB}	255, 41, 138
Decimal	16722314
CIE _{Lab}	56.76, 80.69, 0.82
CIE _{LCh}	57, 80.690, 0.580
Yxy	24.6809, 0.4774, 0.2527
Android (android.graphics.Color)	4294912394 (0xFFFF298A)
YUV	116.0440, 10.8243, 121.8644
Hunter-Lab	49.6799, 80.5675, 3.3270

Details

The XYZ color **46.6204, 24.6809, 26.3515** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **42.8486, 74.4610, 44.4714**, and the grayscale version is **16.5644, 17.4270, 18.9780**.

A 20% lighter version of the original color is **56.5491, 36.8318, 53.4190**, and **23.4997, 11.9110, 10.2930** is the 20% darker color. If you saturate the color by 10%, you get **45.0599, 23.0732, 21.1665**, and if you desaturate by 10%, it is **48.8816, 27.4828, 32.4098**.

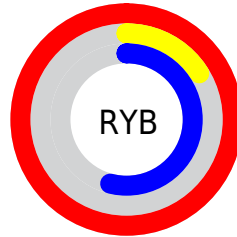
Distribution



Red (100%)

Green (16%)

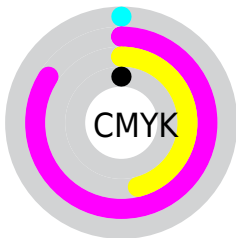
Blue (54%)



Red (100%)

Yellow (16%)

Blue (54%)

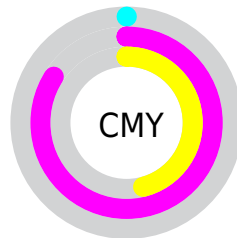


Cyan (0%)

Magenta (84%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6204, 24.6809, 26.3515 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 46.6204, 24.6809, 26.3515 by changing the saturation by 10% instead.


 46.6204, 24.6809,
26.3515


 46.6204, 24.6809,
26.3515


363.9715,
276.2451, 298.1635


 32.9424, 15.8395,
16.8587


 84.3689, 51.1391,
54.8325


 22.2413, 9.4106,
9.9729


 109.1701, 69.5246,
74.6577


 14.1519, 5.0100,
5.2756


 138.4097, 91.8603,
98.7642

 8.3088, 2.2531,
2.3483

 172.4531,
118.5306, 127.5704

 4.3466, 0.7487,
0.7581

 211.6656,
149.9198, 161.4949

 1.9000, 0.0000,
0.0000

256.4126,

 0.5769, 0.0000,

186.4123, 200.9562

0.0000

307.0595,
228.3926, 246.3729

■ 0.0000, 0.0000,
0.0000

■ 46.6204, 24.6809,
26.3515

■ 46.6204, 24.6809,
26.3515

■ 45.0599, 23.0732,
21.1665

■ 48.8816, 27.4828,
32.4098


■ 44.3673, 22.5109,
18.3989


■ 51.9414, 31.6670,
39.3965


■ 55.8830, 37.3928,
47.3610

■ 60.7777, 44.7962,
56.3481

■ 66.6892, 53.9983,
66.3987

 73.6755, 65.1088,
77.5513

 81.7901, 78.2286,
89.8421

 91.0827, 93.4515,
103.3053

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



43.0277, 24.6809, 61.2384



46.6204, 24.6809, 26.3515



42.7534, 24.6809, 8.1836

Triad

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



46.6204, 24.6809, 26.3515



15.4002, 24.6809, 2.3884



15.6414, 24.6809, 102.0702

Complementary

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



46.6204, 24.6809, 26.3515



42.8486, 74.4610, 44.4714

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.



11.0685, 24.6809, 62.8273



46.6204, 24.6809, 26.3515



10.9577, 24.6809, 8.6023

Square

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



46.6204, 24.6809, 26.3515



23.2755, 24.6809, 1.2211



9.6119, 24.6809, 27.4020



23.6423, 24.6809, 119.2217

Rectangle

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



46.6204, 24.6809, 26.3515



36.9361, 24.6809, 3.4226



9.6119, 24.6809, 27.4020



13.7373, 24.6809, 90.1311

Sweetspot

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



46.6211, 24.6823, 26.3519



72.8625, 63.8056, 76.2847



32.3888, 15.7901, 95.9482



15.0524, 12.7898, 15.4712



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.



46.6211, 24.6823, 26.3519



44.3675, 22.5110, 18.3989



42.7038, 23.5468, 4.3941



18.3517, 18.1240, 20.4690



23.2560, 11.7917, 9.9983



2.3186, 1.1698, 1.2590

Inverse Universe

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



46.6211, 24.6823, 26.3519



44.3675, 22.5110, 18.3989



52.4918, 74.7450, 106.2681



18.3517, 18.1240, 20.4690



23.2560, 11.7917, 9.9983



2.3186, 1.1698, 1.2590

Previews

White Background



This preview shows how the XYZ color 46.6204, 24.6809, 26.3515 looks on a white background.

Color Contrast Check

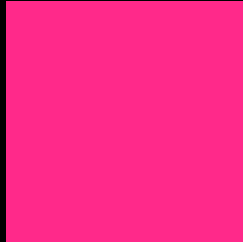
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.6204, 24.6809, 26.3515 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 46.6204, 24.6809, 26.3515

Background



This preview shows how black text looks on a background with the XYZ color 46.6204, 24.6809, 26.3515.



This preview shows how white text looks on a background with the XYZ color 46.6204, 24.6809,

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

46.6204, 24.6809, 26.3515

Protanopia

25.7861, 25.0557, 53.3463

Deuteranopia

25.2844, 24.8333, 23.8828



Tritanopia

42.6871, 24.6951, 7.8270

Trichromacy



Original Color

46.6204, 24.6809, 26.3515



Protanomaly

28.2485, 20.6107, 41.5191



Deuteranomaly

29.8619, 21.5368, 24.4129



Tritanomaly

43.5348, 24.3141, 12.7545

Monochromacy



Original Color

46.6204, 24.6809, 26.3515



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

23.1468, 16.8155, 21.0945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6204, 24.6809, 26.3515 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, 41, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 138)  
}
```

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, 41, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 138) }
```

Border

The CSS property to change the border of an element to XYZ 46.6204, 24.6809, 26.3515 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, 41, 138) }
```


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

```
.border{ border-color:rgb(255, 41, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6204, 24.6809, 26.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 138) }
```

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

```
.background{ background-color: rgb(255, 41,  
138) }
```

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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