

Converting Colors

XYZ(47.3962, 25.4432, 29.0431)

Have a look what the booklet for
XYZ(47.3962, 25.4432, 29.0431)
contains.

XYZ(47.4078, 25.4182, 29.1956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.4078, 25.4182,
29.1956)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3091
RGB	255, 48, 145
RGB Percent	100%, 19%, 57%
CMY	0.0000, 0.8117, 0.4314
CMYK	0.00, 0.81, 0.43, 0.00
HSL	332°, 100%, 59%
HSV	332°, 81%, 100%
XYZ	47.4078, 25.4182, 29.1956
YIQ	120.9510, 92.2350, 74.0510

Conversions

Conversions Part 2

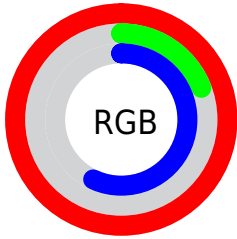
Format	Color
R _Y B	255, 48, 145
Decimal	16724113
CIE Lab	57.48, 79.80, -2.28
CIE LCh	57, 79.834, 358.365
Yxy	25.4182, 0.4647, 0.2491
Android (android.graphics.Color)	4294914193 (0xFFFF3091)
YUV	120.9510, 11.8562, 117.5610
Hunter-Lab	50.4165, 79.6190, 0.9574

Details

The XYZ color **47.4078, 25.4182, 29.1956** 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 **43.1527, 74.6180, 44.4837**, and the grayscale version is **18.1028, 19.0456, 20.7406**.

A 20% lighter version of the original color is **57.9101, 38.1061, 58.3358**, and **23.8038, 12.0327, 11.8944** is the 20% darker color. If you saturate the color by 10%, you get **45.6641, 23.5047, 23.7626**, and if you desaturate by 10%, it is **49.8759, 28.5810, 35.4855**.

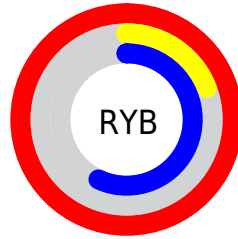
Distribution



Red (100%)

Green (19%)

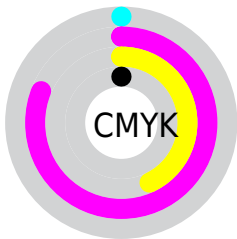
Blue (57%)



Red (100%)

Yellow (19%)

Blue (57%)

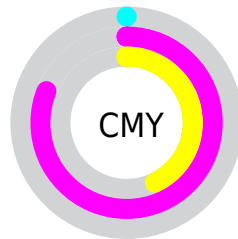


Cyan (0%)

Magenta (81%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4078, 25.4182, 29.1956 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 47.4078, 25.4182, 29.1956 by changing the saturation by 10% instead.

 47.4078, 25.4182,
29.1956


 47.4078, 25.4182,
29.1956


367.0617,
279.9142, 312.2265

 33.5674, 16.3889,
18.9820


 85.5371, 52.3349,
59.4336


 22.7228, 9.7998,
11.4806


 110.5567, 70.9910,
80.2951


 14.5085, 5.2664,
6.2728


 140.0334, 93.6249,
105.5429

 8.5593, 2.4044,
2.9402

 174.3327,
120.6209, 135.5956

 4.5096, 0.8282,
1.0642

 213.8198,
152.3635, 170.8718

 1.9943, 0.0000,
0.0000

258.8601,

 0.6308, 0.0000,

189.2369, 211.7900

0.0000

309.8190,
231.6257, 258.7687

■ 0.0000, 0.0000,
0.0000

■ 47.4078, 25.4182,
29.1956

■ 47.4078, 25.4182,
29.1956

■ 45.6641, 23.5047,
23.7626

■ 49.8759, 28.5810,
35.4855

■ 44.5988, 22.6035,
19.6172

■ 53.1598, 33.1695,
42.6826

■ 57.3390, 39.3358,
50.8332

■ 62.4820, 47.2114,
59.9788

■ 68.6505, 56.9136,
70.1579

75.9009, 68.5494,
81.4065

84.2850, 82.2176,
93.7587

93.8516, 98.0099,
107.2466

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.



43.2900, 25.4182, 65.1870



47.4078, 25.4182, 29.1956



44.0634, 25.4182, 9.5183

Triad

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



47.4078, 25.4182, 29.1956



16.4778, 25.4182, 2.4473



15.7883, 25.4182, 100.3951

Complementary

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



47.4078, 25.4182, 29.1956



43.1527, 74.6180, 44.4837

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.



11.3858, 25.4182, 60.7170



47.4078, 25.4182, 29.1956



11.7044, 25.4182, 8.3049

Square

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



47.4078, 25.4182, 29.1956



24.6841, 25.4182, 1.4031



10.1127, 25.4182, 26.2103



23.6418, 25.4182, 119.8336

Rectangle

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



47.4078, 25.4182, 29.1956



38.4425, 25.4182, 4.0978



10.1127, 25.4182, 26.2103



13.9410, 25.4182, 88.0875

Sweetspot

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



47.4085, 25.4197, 29.1960



73.7360, 65.0541, 78.1124



32.6172, 16.2998, 96.0347



15.2265, 13.0312, 15.8583



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.



47.4085, 25.4197, 29.1960



44.9326, 22.8699, 20.9652



42.9782, 23.8822, 5.1427



18.3636, 18.1288, 20.5319



23.3778, 11.8404, 10.6397



2.3308, 1.1747, 1.3235

Inverse Universe

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



47.4085, 25.4197, 29.1960



44.9326, 22.8699, 20.9652



53.9390, 77.1874, 106.6635



18.3636, 18.1288, 20.5319



23.3778, 11.8404, 10.6397



2.3308, 1.1747, 1.3235

Previews

White Background



This preview shows how the XYZ color 47.4078, 25.4182, 29.1956 looks on a white background.

Color Contrast Check

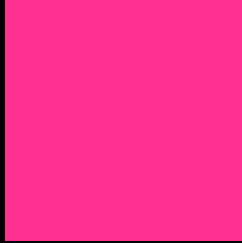
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4078, 25.4182, 29.1956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

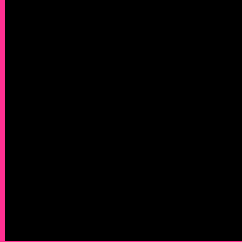
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.4078, 25.4182, 29.1956

Background



This preview shows how black text looks on a background with the XYZ color 47.4078, 25.4182, 29.1956.



This preview shows how white text looks on a background with the XYZ color 47.4078, 25.4182,

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

47.4078, 25.4182, 29.1956

Protanopia

26.6050, 25.6075, 56.9666

Deuteranopia

26.0351, 25.5718, 26.4853



Tritanopia

43.2729, 25.5101, 9.1218

Trichromacy



Original Color

47.4078, 25.4182, 29.1956



Protanomaly

29.2354, 21.4801, 45.2530



Deuteranomaly

30.7457, 22.5117, 27.1508



Tritanomaly

44.2226, 25.1706, 14.5842

Monochromacy



Original Color

47.4078, 25.4182, 29.1956



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

24.6095, 18.1632, 23.3279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4078, 25.4182, 29.1956 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, 48, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 145)  
}
```

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, 48, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 145) }
```

Border

The CSS property to change the border of an element to XYZ 47.4078, 25.4182, 29.1956 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, 48, 145) }
```


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

```
.border{ border-color:rgb(255, 48, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4078, 25.4182, 29.1956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 145) }
```

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

```
.background{ background-color: rgb(255, 48,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor