

Converting Colors

XYZ(47.3590, 25.5992, 28.3445)

Have a look what the booklet for
XYZ(47.3590, 25.5992, 28.3445)
contains.

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Color

**XYZ(47.3818, 25.6108,
28.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	FF338F
RGB	255, 51, 143
RGB Percent	100%, 20%, 56%
CMY	0.0000, 0.7999, 0.4392
CMYK	0.00, 0.80, 0.44, 0.00
HSL	333°, 100%, 60%
HSV	333°, 80%, 100%
XYZ	47.3818, 25.6108, 28.4327
YIQ	122.4840, 92.0520, 71.8600

Conversions

Conversions Part 2

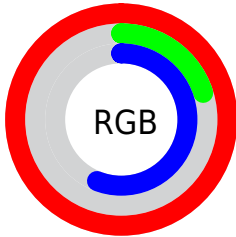
Format	Color
R_{YB}	255, 51, 143
Decimal	16724879
CIE _{Lab}	57.67, 78.93, -0.82
CIE _{LCh}	58, 78.935, 359.401
Yxy	25.6108, 0.4672, 0.2525
Android (android.graphics.Color)	4294914959 (0xFFFF338F)
YUV	122.4840, 10.1144, 116.2165
Hunter-Lab	50.6071, 78.5613, 2.1140

Details

The XYZ color **47.3818, 25.6108, 28.4327** 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 **43.7383, 74.8691, 46.8037**, and the grayscale version is **18.6062, 19.5752, 21.3174**.

A 20% lighter version of the original color is **57.9149, 38.4849, 57.1992**, and **23.7140, 11.9968, 11.4217** is the 20% darker color. If you saturate the color by 10%, you get **45.5612, 23.5625, 22.9153**, and if you desaturate by 10%, it is **49.9461, 28.9347, 34.8515**.

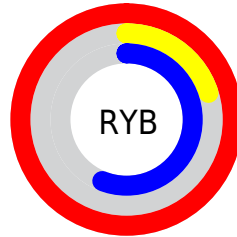
Distribution



Red (100%)

Green (20%)

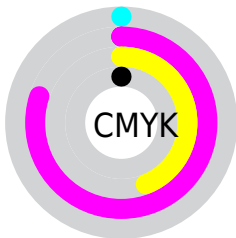
Blue (56%)



Red (100%)

Yellow (20%)

Blue (56%)

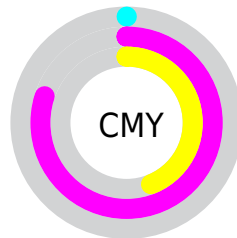


Cyan (0%)

Magenta (80%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3818, 25.6108, 28.4327 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 47.3818, 25.6108, 28.4327 by changing the saturation by 10% instead.


 47.3818, 25.6108,
28.4327


 47.3818, 25.6108,
28.4327

366.9600,
280.8663, 308.5055

 33.5468, 16.5327,
18.4102


 85.4985, 52.6464,
58.2059


 22.7069, 9.9019,
11.0724


 110.5110, 71.3727,
78.7937


 14.4967, 5.3340,
6.0008


 139.9799, 94.0838,
103.7404

 8.5510, 2.4445,
2.7768

 174.2708,
121.1643, 133.4645

 4.5042, 0.8486,
0.9818

 213.7488,
152.9983, 168.3845

 1.9912, 0.0000,
0.0000

258.7795,

 0.6290, 0.0000,

189.9704, 208.9190

0.0000

309.7281,
232.4649, 255.4865

■ 0.0000, 0.0000,
0.0000

■ 47.3818, 25.6108,
28.4327

■ 47.3818, 25.6108,
28.4327

■ 45.5612, 23.5625,
22.9153

■ 49.9461, 28.9347,
34.8515

■ 44.3346, 22.4981,
18.2250

■ 53.3439, 33.7063,
42.2238

■ 44.3339, 22.4976,
18.2223

■ 57.6536, 40.0754,
50.5976

■ 62.9432, 48.1715,
60.0163

■ 69.2743, 58.1110,
70.5200

■ 76.7028, 69.9999,
82.1466

■ 85.2807, 83.9361,
94.9318

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.



43.5506, 25.6108, 63.6060



47.3818, 25.6108, 28.4327



43.8308, 25.6108, 9.3572

Triad

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



47.3818, 25.6108, 28.4327



16.4735, 25.6108, 2.6889



16.2215, 25.6108, 100.8469

Complementary

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



47.3818, 25.6108, 28.4327



43.7383, 74.8691, 46.8037

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.



11.7045, 25.6108, 61.9892



47.3818, 25.6108, 28.4327



11.8213, 25.6108, 8.9101

Square

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



47.3818, 25.6108, 28.4327



24.5325, 25.6108, 1.5127



10.3278, 25.6108, 27.3460



24.1531, 25.6108, 118.8764

Rectangle

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



47.3818, 25.6108, 28.4327



38.1705, 25.6108, 4.1074



10.3278, 25.6108, 27.3460



14.3365, 25.6108, 88.9211

Sweetspot

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



47.3825, 25.6123, 28.4331



73.5915, 64.9963, 77.3514



33.6933, 17.0428, 96.1215



15.1920, 13.0174, 15.6766



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.



47.3825, 25.6123, 28.4331



44.7768, 22.8519, 20.0084



43.3417, 24.5067, 5.5798



18.3499, 18.1233, 20.4596



23.2383, 11.7846, 9.9052



2.3168, 1.1691, 1.2496

Inverse Universe

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



47.3825, 25.6123, 28.4331



44.7768, 22.8519, 20.0084



53.0452, 75.1824, 106.3236



18.3499, 18.1233, 20.4596



23.2383, 11.7846, 9.9052



2.3168, 1.1691, 1.2496

Previews

White Background



This preview shows how the XYZ color 47.3818, 25.6108, 28.4327 looks on a white background.

Color Contrast Check

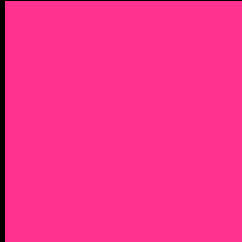
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3818, 25.6108, 28.4327 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 47.3818, 25.6108, 28.4327

Background



This preview shows how black text looks on a background with the XYZ color 47.3818, 25.6108, 28.4327.



This preview shows how white text looks on a background with the XYZ color 47.3818, 25.6108,

28.4327.

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

47.3818, 25.6108, 28.4327

Protanopia

26.5684, 25.8513, 54.6284

Deuteranopia

26.0852, 25.6137, 25.7594



Tritanopia

43.3710, 25.6520, 9.3220

Trichromacy



Original Color

47.3818, 25.6108, 28.4327



Protanomaly

29.4695, 21.9493, 43.2409



Deuteranomaly

30.9515, 22.7831, 26.4332



Tritanomaly

44.2785, 25.2823, 14.6028

Monochromacy



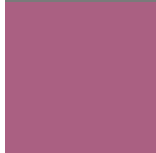
Original Color

47.3818, 25.6108, 28.4327



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

24.7897, 18.5235, 23.3879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3818, 25.6108, 28.4327 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, 51, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 143)  
}
```

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, 51, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 143) }
```

Border

The CSS property to change the border of an element to XYZ 47.3818, 25.6108, 28.4327 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, 51, 143) }
```


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

```
.border{ border-color:rgb(255, 51, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 51, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 51, 143); box-shadow:4px 4px 4px 4px rgb(255, 51, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3818, 25.6108, 28.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 143) }
```

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

```
.background{ background-color: rgb(255, 51,  
143) }
```

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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