

Converting Colors

XYZ(47.5580, 26.6987, 26.2246)

Have a look what the booklet for
XYZ(47.5580, 26.6987, 26.2246)
contains.

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Color

**XYZ(47.5888, 26.7329,
26.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4089
RGB	255, 64, 137
RGB Percent	100%, 25%, 54%
CMY	0.0000, 0.7490, 0.4627
CMYK	0.00, 0.75, 0.46, 0.00
HSL	337°, 100%, 63%
HSV	337°, 75%, 100%
XYZ	47.5888, 26.7329, 26.3187
YIQ	129.4310, 90.4030, 63.1950

Conversions

Conversions Part 2

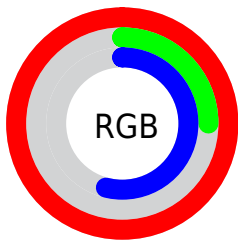
Format	Color
RYB	255, 64, 137
Decimal	16728201
CIELab	58.73, 74.94, 4.25
CIElCh	59, 75.057, 3.249
Yxy	26.7329, 0.4729, 0.2656
Android (android.graphics.Color)	4294918281 (0xFFFF4089)
YUV	129.4310, 3.7315, 110.1240
Hunter-Lab	51.7039, 73.8116, 6.0125

Details

The XYZ color **47.5888, 26.7329, 26.3187** 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 **46.3200, 75.9883, 56.4886**, and the grayscale version is **20.9844, 22.0773, 24.0421**.

A 20% lighter version of the original color is **58.1236, 40.1564, 53.4027**, and **23.4997, 11.9110, 10.2930** is the 20% darker color. If you saturate the color by 10%, you get **45.4159, 24.0658, 20.4197**, and if you desaturate by 10%, it is **50.5848, 30.7823, 33.3067**.

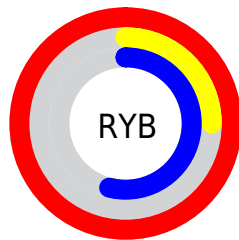
Distribution



Red (100%)

Green (25%)

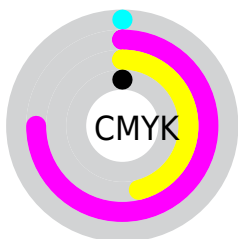
Blue (54%)



Red (100%)

Yellow (25%)

Blue (54%)

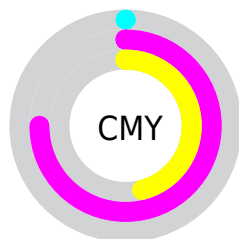


Cyan (0%)

Magenta (75%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (75%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5888, 26.7329, 26.3187 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 47.5888, 26.7329, 26.3187 by changing the saturation by 10% instead.


 47.5888, 26.7329,
26.3187

 47.5888, 26.7329,
26.3187

367.7697,
286.3615, 297.9982


 33.7113, 17.3727,
16.8343


 85.8053, 54.4550,
54.7790


 22.8337, 10.5006,
9.9557


 110.8749, 73.5856,
74.5920


 14.5908, 5.7321,
5.2644


 140.4059, 96.7419,
98.6850

 8.6171, 2.6829,
2.3418

 174.7637,
124.3082, 127.4765

 4.5474, 0.9685,
0.7545

 214.3136,
156.6690, 161.3850

 2.0162, 0.0000,
0.0000

259.4210,

 0.6431, 0.0000,

194.2085, 200.8291

0.0000

310.4513,
237.3112, 246.2273

■ 0.0000, 0.0000,
0.0000

■ 47.5888, 26.7329,
26.3187

■ 47.5888, 26.7329,
26.3187

■ 45.4159, 24.0658,
20.4197

■ 50.5848, 30.7823,
33.3067

■ 43.9592, 22.5782,
15.5383

■ 54.4877, 36.3707,
41.4440

■ 43.4187, 22.1315,
13.4031

■ 59.3728, 43.6383,
50.7871

■ 65.3063, 52.7083,
61.3877

■ 72.3485, 63.6920,
73.2941

■ 80.5550, 76.6920,
86.5518

■ 89.9776, 91.8031,
101.2039

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.



44.7999, 26.7329, 58.5346



47.5888, 26.7329, 26.3187



43.3467, 26.7329, 9.1764

Triad

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



47.5888, 26.7329, 26.3187



16.8612, 26.7329, 3.9252



18.2228, 26.7329, 102.2630

Complementary

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



47.5888, 26.7329, 26.3187



46.3200, 75.9883, 56.4886

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.



13.2608, 26.7329, 66.8562



47.5888, 26.7329, 26.3187



12.6189, 26.7329, 11.6892

Square

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



47.5888, 26.7329, 26.3187



24.4154, 26.7329, 2.1316



11.4806, 26.7329, 32.0868



26.4288, 26.7329, 115.1645

Rectangle

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



47.5888, 26.7329, 26.3187



37.5877, 26.7329, 4.4131



11.4806, 26.7329, 32.0868



16.1937, 26.7329, 91.8536

Sweetspot

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



47.5895, 26.7344, 26.3191



74.6037, 67.2461, 76.9937



39.1256, 20.8076, 96.5618



15.5158, 13.6802, 15.7378



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.



47.5895, 26.7344, 26.3191



44.5906, 23.1737, 17.8063



45.5171, 28.3331, 7.9223



18.2966, 18.1020, 20.1791



22.7543, 11.5910, 7.3566



2.2668, 1.1491, 0.9864

Inverse Universe

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



47.5895, 26.7344, 26.3191



44.5906, 23.1737, 17.8063



49.2244, 66.4288, 104.8353



18.2966, 18.1020, 20.1791



22.7543, 11.5910, 7.3566



2.2668, 1.1491, 0.9864

Previews

White Background



This preview shows how the XYZ color 47.5888, 26.7329, 26.3187 looks on a white background.

Color Contrast Check

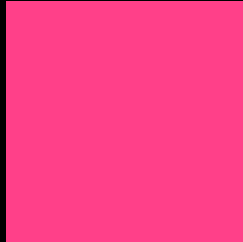
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5888, 26.7329, 26.3187 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 47.5888, 26.7329, 26.3187

Background



This preview shows how black text looks on a background with the XYZ color 47.5888, 26.7329, 26.3187.



This preview shows how white text looks on a background with the XYZ color 47.5888, 26.7329,

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

47.5888, 26.7329, 26.3187

Protanopia

27.0786, 26.9177, 47.4845

Deuteranopia

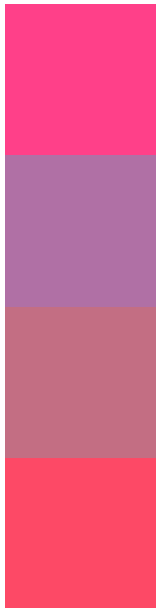
27.1976, 26.6404, 24.1307



Tritanopia

44.3923, 26.7534, 10.8068

Trichromacy



Original Color

47.5888, 26.7329, 26.3187

Protanomaly

30.4902, 23.5351, 38.5330

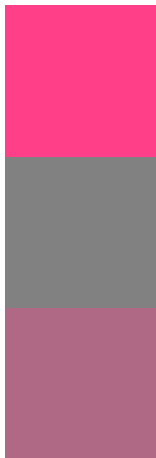
Deuteranomaly

32.1783, 24.3927, 24.4850

Tritanomaly

45.2888, 26.6070, 15.3191

Monochromacy



Original Color

47.5888, 26.7329, 26.3187

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

26.8956, 20.8831, 24.4431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5888, 26.7329, 26.3187 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, 64, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 137)  
}
```

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, 64, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.5888, 26.7329, 26.3187 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, 64, 137) }
```


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

```
.border{ border-color:rgb(255, 64, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5888, 26.7329, 26.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 137) }
```

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

```
.background{ background-color: rgb(255, 64,  
137) }
```

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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