

Converting Colors

XYZ(77.8694, 42.3153, 26.9627)

Have a look what the booklet for
XYZ(77.8694, 42.3153, 26.9627)
contains.

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Color

**XYZ(47.3907, 26.5643,
25.5513)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF3F87 |
| RGB | 255, 63, 135 |
| RGB Percent | 100%, 25%, 53% |
| CMY | 0.0000, 0.7529, 0.4706 |
| CMYK | 0.00, 0.75, 0.47, 0.00 |
| HSL | 338°, 100%, 62% |
| HSV | 338°, 75%, 100% |
| XYZ | 47.3907, 26.5643, 25.5513 |
| YIQ | 128.6160, 91.3200, 63.0960 |

Conversions

Conversions Part 2

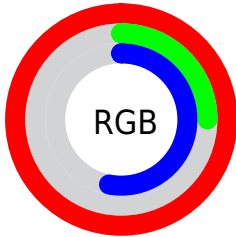
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 63, 135 |
| Decimal | 16727943 |
| CIE _{Lab} | 58.57, 75.06, 5.21 |
| CIE _{LCh} | 59, 75.243, 3.967 |
| Yxy | 26.5643, 0.4763, 0.2670 |
| Android (android.graphics.Color) | 4294918023 (0xFFFF3F87) |
| YUV | 128.6160, 3.1473, 110.8388 |
| Hunter-Lab | 51.5406, 73.9318, 6.6853 |

Details

The XYZ color **47.3907, 26.5643, 25.5513** 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 **46.3594, 75.9965, 57.0325**, and the grayscale version is **20.7012, 21.7793, 23.7176**.

A 20% lighter version of the original color is **57.7780, 39.8125, 52.2163**, and **23.4179, 11.8784, 9.8626** is the 20% darker color. If you saturate the color by 10%, you get **45.2511, 23.9487, 19.7098**, and if you desaturate by 10%, it is **50.3529, 30.5565, 32.4963**.

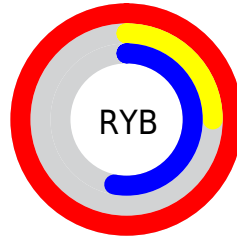
Distribution



Red (100%)

Green (25%)

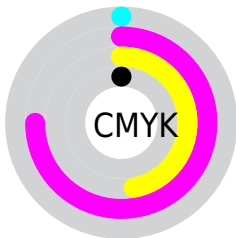
Blue (53%)



Red (100%)

Yellow (25%)

Blue (53%)

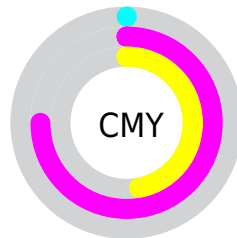


Cyan (0%)

Magenta (75%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3907, 26.5643, 25.5513 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 47.3907, 26.5643, 25.5513 by changing the saturation by 10% instead.


 47.3907, 26.5643,
25.5513


 47.3907, 26.5643,
25.5513

366.9948,
285.5413, 294.1075


 33.5539, 17.2463,
16.2655


 85.5117, 54.1839,
53.5254


 22.7123, 10.4102,
9.5558


 110.5266, 73.2543,
73.0507


 14.5008, 5.6718,
5.0038


 139.9982, 96.3442,
96.8263

 8.5538, 2.6466,
2.1907

 174.2920,
123.8381, 125.2708

 4.5061, 0.9501,
0.6690

 213.7731,
156.1204, 158.8026

 1.9922, 0.0000,
0.0000

258.8071,

 0.6296, 0.0000,

193.5754, 197.8403

0.0000

309.7592,
236.5876, 242.8024

■ 0.0000, 0.0000,
0.0000

■ 47.3907, 26.5643,
25.5513

■ 47.3907, 26.5643,
25.5513

■ 45.2511, 23.9487,
19.7098

■ 50.3529, 30.5565,
32.4963

■ 43.8259, 22.5050,
14.8984

■ 54.2225, 36.0833,
40.6068

■ 43.3335, 22.0974,
12.9546

■ 59.0753, 43.2857,
49.9409

■ 64.9779, 52.2874,
60.5514

■ 71.9913, 63.2005,
72.4881

80.1712, 76.1276,
85.7977

89.5698, 91.1642,
100.5242

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



44.7678, 26.5643, 57.4273



47.3907, 26.5643, 25.5513



42.9947, 26.5643, 8.8173

Triad

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



47.3907, 26.5643, 25.5513



16.5808, 26.5643, 3.9420



18.2384, 26.5643, 102.7559

Complementary

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



47.3907, 26.5643, 25.5513



46.3594, 75.9965, 57.0325

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.



13.2129, 26.5643, 67.5856



47.3907, 26.5643, 25.5513



12.4322, 26.5643, 11.8706

Square

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



47.3907, 26.5643, 25.5513



24.0417, 26.5643, 2.0847



11.3687, 26.5643, 32.5812



26.4952, 26.5643, 114.9196

Rectangle

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



47.3907, 26.5643, 25.5513



37.1818, 26.5643, 4.2268



11.3687, 26.5643, 32.5812



16.1882, 26.5643, 92.4928

Sweetspot

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



47.3914, 26.5658, 25.5517



73.7586, 65.9778, 75.4115



38.9795, 20.6494, 96.5388



15.1963, 13.1939, 15.1605



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.



47.3914, 26.5658, 25.5517



44.4982, 23.1367, 17.3195



45.4186, 28.1811, 7.7504



18.2911, 18.0997, 20.1499



22.7091, 11.5729, 7.1184



2.2620, 1.1472, 0.9611

Inverse Universe

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



47.3914, 26.5658, 25.5517



44.4982, 23.1367, 17.3195



49.1270, 66.3296, 104.8212



18.2911, 18.0997, 20.1499



22.7091, 11.5729, 7.1184



2.2620, 1.1472, 0.9611

Previews

White Background



This preview shows how the XYZ color 47.3907, 26.5643, 25.5513 looks on a white background.

Color Contrast Check

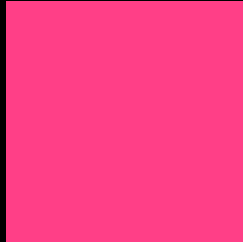
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3907, 26.5643, 25.5513 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 47.3907, 26.5643, 25.5513

Background



This preview shows how black text looks on a background with the XYZ color 47.3907, 26.5643, 25.5513.



This preview shows how white text looks on a background with the XYZ color 47.3907, 26.5643,

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

47.3907, 26.5643, 25.5513

Protanopia

26.8748, 26.8361, 46.4113

Deuteranopia

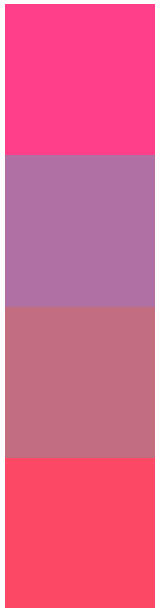
27.0673, 26.5883, 23.4441



Tritanopia

44.2840, 26.5973, 10.5843

Trichromacy



Original Color

47.3907, 26.5643, 25.5513

Protanomaly

30.3095, 23.4628, 37.5816

Deuteranomaly

31.9368, 24.1244, 23.7421

Tritanomaly

45.1743, 26.4570, 15.0377

Monochromacy



Original Color

47.3907, 26.5643, 25.5513

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

26.8275, 20.8558, 24.0843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3907, 26.5643, 25.5513 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, 63, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 135)  
}
```

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, 63, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 135) }
```

Border

The CSS property to change the border of an element to XYZ 47.3907, 26.5643, 25.5513 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, 63, 135) }
```


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

```
.border{ border-color:rgb(255, 63, 135) }
```

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

Here you see how a box with a 4 pixel rgb(255, 63, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3907, 26.5643, 25.5513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 135) }
```

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

```
.background{ background-color: rgb(255, 63,  
135) }
```

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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