

Converting Colors

XYZ(47.3375, 25.5931, 28.1999)

Have a look what the booklet for
XYZ(47.3375, 25.5931, 28.1999)
contains.

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Color

**XYZ(47.3063, 25.5806,
28.0354)**

Conversions

Conversions Part 1

Format	Color
Hex	FF338E
RGB	255, 51, 142
RGB Percent	100%, 20%, 56%
CMY	0.0000, 0.7999, 0.4431
CMYK	0.00, 0.80, 0.44, 0.00
HSL	333°, 100%, 60%
HSV	333°, 80%, 100%
XYZ	47.3063, 25.5806, 28.0354
YIQ	122.3700, 92.3730, 71.5490

Conversions

Conversions Part 2

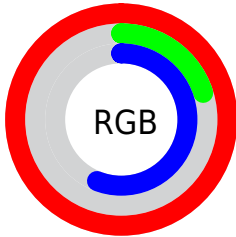
Format	Color
R_{YB}	255, 51, 142
Decimal	16724878
CIE Lab	57.64, 78.84, -0.28
CIE LCh	58, 78.845, 359.799
Yxy	25.5806, 0.4687, 0.2535
Android (android.graphics.Color)	4294914958 (0xFFFF338E)
YUV	122.3700, 9.6776, 116.3165
Hunter-Lab	50.5773, 78.4457, 2.5391

Details

The XYZ color **47.3063, 25.5806, 28.0354** 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 **43.8283, 74.9050, 47.2776**, and the grayscale version is **18.5702, 19.5373, 21.2761**.

A 20% lighter version of the original color is **57.6872, 38.3938, 56.0001**, and **23.6700, 11.9792, 11.1899** is the 20% darker color. If you saturate the color by 10%, you get **45.4867, 23.5327, 22.5236**, and if you desaturate by 10%, it is **49.8716, 28.9049, 34.4593**.

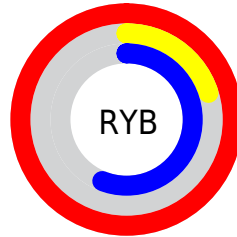
Distribution



Red (100%)

Green (20%)

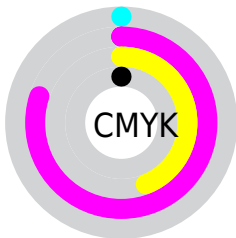
Blue (56%)



Red (100%)

Yellow (20%)

Blue (56%)

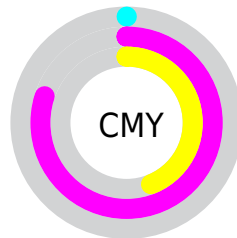


Cyan (0%)

Magenta (80%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3063, 25.5806, 28.0354 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 47.3063, 25.5806, 28.0354 by changing the saturation by 10% instead.

 47.3063, 25.5806,
28.0354


 47.3063, 25.5806,
28.0354


366.6644,
280.7172, 306.5533

 33.4868, 16.5101,
18.1131


 85.3866, 52.5976,
57.5647


 22.6607, 9.8859,
10.8609


 110.3782, 71.3129,
78.0088


 14.4625, 5.3233,
5.8604


 139.8244, 94.0119,
102.7972

 8.5269, 2.4382,
2.6930

 174.0908,
121.0791, 132.3485

 4.4885, 0.8454,
0.9399

 213.5426,
152.8989, 167.0813

 1.9820, 0.0000,
0.0000

258.5453,

 0.6238, 0.0000,

189.8555, 207.4139

0.0000

309.4641,
232.3335, 253.7651

■ 0.0000, 0.0000,
0.0000

■ 47.3063, 25.5806,
28.0354

■ 47.3063, 25.5806,
28.0354

■ 45.4867, 23.5327,
22.5236

■ 49.8716, 28.9049,
34.4593

■ 44.2631, 22.4695,
17.8487

■ 53.2725, 33.6778,
41.8483

■ 44.2624, 22.4689,
17.8459

■ 57.5877, 40.0490,
50.2508

■ 62.8852, 48.1483,
59.7109

■ 69.2267, 58.0920,
70.2696

■ 76.6683, 69.9861,
81.9650

■ 85.2620, 83.9286,
94.8334

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.



43.5760, 25.5806, 62.9603



47.3063, 25.5806, 28.0354



43.6699, 25.5806, 9.2048

Triad

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



47.3063, 25.5806, 28.0354



16.3750, 25.5806, 2.7304



16.2905, 25.5806, 101.0796

Complementary

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



47.3063, 25.5806, 28.0354



43.8283, 74.9050, 47.2776

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.



11.7361, 25.5806, 62.4187



47.3063, 25.5806, 28.0354



11.7752, 25.5806, 9.0549

Square

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



47.3063, 25.5806, 28.0354



24.3772, 25.5806, 1.5161



10.3227, 25.5806, 27.6712



24.2501, 25.5806, 118.6414

Rectangle

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



47.3063, 25.5806, 28.0354



37.9845, 25.5806, 4.0459



10.3227, 25.5806, 27.6712



14.3932, 25.5806, 89.2593

Sweetspot

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



47.3070, 25.5821, 28.0358



73.5514, 64.9803, 77.1405



34.3813, 17.3975, 96.1536



15.1824, 13.0136, 15.6263



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.



47.3070, 25.5821, 28.0358



44.7039, 22.8227, 19.6248



43.5181, 24.8597, 5.6386



18.3461, 18.1217, 20.4396



23.2006, 11.7695, 9.7068



2.3130, 1.1676, 1.2295

Inverse Universe

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



47.3070, 25.5821, 28.0358



44.7039, 22.8227, 19.6248



52.0082, 73.1085, 105.9778



18.3461, 18.1217, 20.4396



23.2006, 11.7695, 9.7068



2.3130, 1.1676, 1.2295

Previews

White Background



This preview shows how the XYZ color 47.3063, 25.5806, 28.0354 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 47.3063, 25.5806, 28.0354 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 47.3063, 25.5806, 28.0354

Background



This preview shows how black text looks on a background with the XYZ color 47.3063, 25.5806, 28.0354.



This preview shows how white text looks on a background with the XYZ color 47.3063, 25.5806,

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

47.3063, 25.5806, 28.0354

Protanopia

26.5973, 25.8792, 54.0454

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

43.2729, 25.5101, 9.1218

Trichromacy



Original Color

47.3063, 25.5806, 28.0354



Protanomaly

29.3716, 21.9101, 42.7254



Deuteranomaly

30.8801, 22.7546, 26.0571



Tritanomaly

44.2304, 25.2631, 14.3494

Monochromacy



Original Color

47.3063, 25.5806, 28.0354



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

24.7229, 18.4968, 23.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3063, 25.5806, 28.0354 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 142) }
```

Border

The CSS property to change the border of an element to XYZ 47.3063, 25.5806, 28.0354 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, 142) }
```


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

```
.border{ border-color:rgb(255, 51, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3063, 25.5806, 28.0354 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, 142) }
```

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

```
.background{ background-color: rgb(255, 51,  
142) }
```

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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