

Converting Colors

XYZ(47.7227, 28.1233, 29.4864)

Have a look what the booklet for
XYZ(47.7227, 28.1233, 29.4864)
contains.

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Color

**XYZ(47.6137, 28.1148,
29.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4F90
RGB	251, 79, 144
RGB Percent	98%, 31%, 56%
CMY	0.0157, 0.6902, 0.4353
CMYK	0.00, 0.69, 0.43, 0.02
HSL	337°, 96%, 65%
HSV	337°, 69%, 98%
XYZ	47.6137, 28.1148, 29.3027
YIQ	137.8380, 81.6470, 56.6790

Conversions

Conversions Part 2

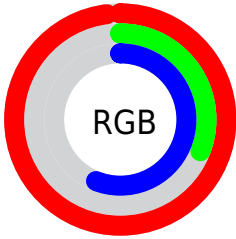
Format	Color
RYB	251, 79, 144
Decimal	16469904
CIELab	59.99, 69.55, 1.90
CIELCh	60, 69.574, 1.561
Yxy	28.1148, 0.4533, 0.2677
Android (android.graphics.Color)	4294659984 (0xFFFB4F90)
YUV	137.8380, 3.0379, 99.2431
Hunter-Lab	53.0234, 67.4977, 4.3505

Details

The XYZ color **47.6137, 28.1148, 29.3027** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **46.5865, 74.2026, 58.3272**, and the grayscale version is **24.0643, 25.3175, 27.5708**.

A 20% lighter version of the original color is **60.5215, 43.5142, 58.6353**, and **23.0066, 11.6270, 11.6213** is the 20% darker color. If you saturate the color by 10%, you get **45.0203, 24.7079, 22.9515**, and if you desaturate by 10%, it is **51.0567, 32.9568, 36.7521**.

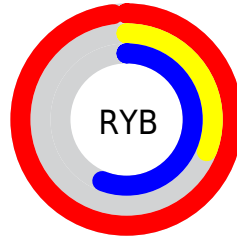
Distribution



Red (98%)

Green (31%)

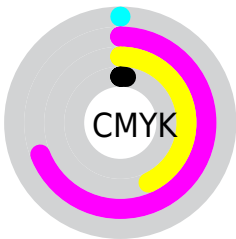
Blue (56%)



Red (98%)

Yellow (31%)

Blue (56%)

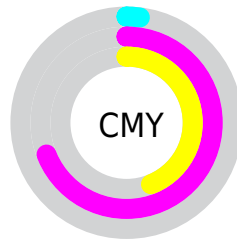


Cyan (0%)

Magenta (69%)

Yellow (43%)

Black (2%)



Cyan (2%)


Magenta (69%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6137, 28.1148, 29.3027 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 47.6137, 28.1148, 29.3027 by changing the saturation by 10% instead.


 47.6137, 28.1148,
29.3027


 47.6137, 28.1148,
29.3027


367.8670,
293.0151, 312.7460


 33.7310, 18.4122,
19.0624


 85.8421, 56.6677,
59.6056


 22.8490, 11.2463,
11.5381


 110.9186, 76.2868,
80.5052

 14.6021, 6.2328,
6.3113


 140.4571, 99.9801,
105.7951

 8.6251, 2.9871,
2.9634

 174.8230,
128.1322, 135.8936

 4.5526, 1.1250,
1.0760

214.3815,
161.1273, 171.2195

 2.0193, 0.0000,
0.0000

259.4982,

 0.6448, 0.0000,

199.3499, 212.1911

0.0000

310.5382,
243.1843, 259.2271

■ 0.0000, 0.0000,
0.0000

■ 47.6137, 28.1148,
29.3027

■ 47.6137, 28.1148,
29.3027

■ 45.0203, 24.7079,
22.9515

■ 51.0567, 32.9568,
36.7521

■ 43.1860, 22.5658,
17.6343

■ 55.4223, 39.3695,
45.3547


■ 41.9888, 21.4557,
13.2753


■ 60.7777, 47.4779,
55.1627

■ 41.8422, 21.3326,
12.7020

■ 67.1830, 57.3930,
66.2243

■ 74.6933, 69.2162,
78.5851

 83.3597, 83.0414,
92.2877

 93.2302, 98.9562,
107.3730

 93.5936, 99.2492,
108.8318

Harmonies

Analogous

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



44.6660, 28.1148, 60.2035



47.6137, 28.1148, 29.3027



44.0157, 28.1148, 11.5244

Triad

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



47.6137, 28.1148, 29.3027



18.7639, 28.1148, 5.0249



19.4059, 28.1148, 96.6332

Complementary

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



47.6137, 28.1148, 29.3027



46.5865, 74.2026, 58.3272

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.



14.6807, 28.1148, 63.8886



47.6137, 28.1148, 29.3027



14.3717, 28.1148, 12.7664

Square

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



47.6137, 28.1148, 29.3027



26.2610, 28.1148, 3.1617



13.0591, 28.1148, 31.9602



27.1889, 28.1148, 109.8155

Rectangle

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



47.6137, 28.1148, 29.3027



38.7675, 28.1148, 6.0995



13.0591, 28.1148, 31.9602



17.4728, 28.1148, 86.8998

Sweetspot

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



47.6145, 28.1163, 29.3032



75.3743, 68.5005, 78.1354



40.2340, 22.8816, 93.5628



15.6650, 13.9237, 15.9573



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.



47.6145, 28.1163, 29.3032



45.9092, 24.6846, 21.7178



45.6644, 30.0120, 10.7853



17.5159, 17.3337, 19.3066



22.0590, 11.2393, 7.0193



2.0927, 1.0608, 0.9117

Inverse Universe

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



47.6145, 28.1163, 29.3032



45.9092, 24.6846, 21.7178



49.1955, 65.7429, 101.3635



17.5159, 17.3337, 19.3066



22.0590, 11.2393, 7.0193



2.0927, 1.0608, 0.9117

Previews

White Background



This preview shows how the XYZ color 47.6137, 28.1148, 29.3027 looks on a white background.

Color Contrast Check

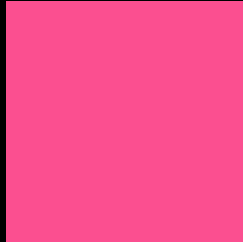
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6137, 28.1148, 29.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

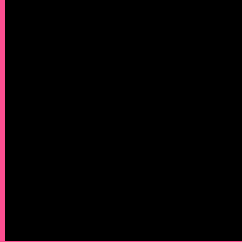
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.6137, 28.1148, 29.3027

Background



This preview shows how black text looks on a background with the XYZ color 47.6137, 28.1148, 29.3027.



This preview shows how white text looks on a background with the XYZ color 47.6137, 28.1148,

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

47.6137, 28.1148, 29.3027

Protanopia

28.3614, 28.2147, 48.7509

Deuteranopia

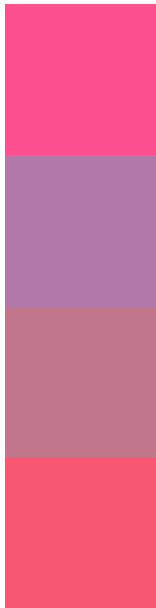
28.7223, 28.2151, 27.2248



Tritanopia

44.4331, 28.0950, 13.9075

Trichromacy



Original Color

47.6137, 28.1148, 29.3027

Protanomaly

32.0094, 25.6446, 40.7989

Deuteranomaly

33.3868, 26.2903, 27.7410

Tritanomaly

45.3753, 27.9876, 18.6334

Monochromacy



Original Color

47.6137, 28.1148, 29.3027

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

29.6853, 24.1997, 27.9174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6137, 28.1148, 29.3027 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(251, 79, 144)` looks like.

```
.text, #text, p{  
    color:rgb(251, 79, 144)  
}
```

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(251, 79, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 79, 144) }
```

Border

The CSS property to change the border of an element to XYZ 47.6137, 28.1148, 29.3027 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(251, 79, 144) }
```


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

```
.border{ border-color:rgb(251, 79, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 79, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 79, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 79, 144);  
box-shadow:4px 4px 4px 4px rgb(251, 79,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6137, 28.1148, 29.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 79, 144) }
```

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

```
.background{ background-color: rgb(251, 79,  
144) }
```

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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