

Converting Colors

XYZ(47.5877, 27.1893, 24.9048)

Have a look what the booklet for
XYZ(47.5877, 27.1893, 24.9048)
contains.

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Color

**XYZ(47.6018, 27.2097,
24.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4585
RGB	255, 69, 133
RGB Percent	100%, 27%, 52%
CMY	0.0000, 0.7294, 0.4784
CMYK	0.00, 0.73, 0.48, 0.00
HSL	339°, 100%, 64%
HSV	339°, 73%, 100%
XYZ	47.6018, 27.2097, 24.9334
YIQ	131.9100, 90.3120, 59.3360

Conversions

Conversions Part 2

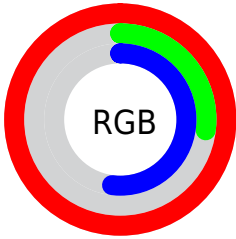
Format	Color
R _Y B	255, 69, 133
Decimal	16729477
CIE Lab	59.17, 73.07, 7.24
CIE LCh	59, 73.426, 5.659
Yxy	27.2097, 0.4772, 0.2728
Android (android.graphics.Color)	4294919557 (0xFFFF4585)
YUV	131.9100, 0.5374, 107.9499
Hunter-Lab	52.1629, 71.6069, 8.1740

Details

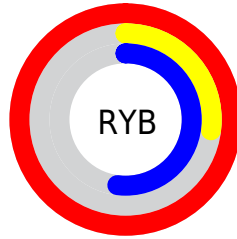
The XYZ color **47.6018, 27.2097, 24.9334** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **47.6204, 76.5477, 61.5625**, and the grayscale version is **21.8769, 23.0162, 25.0647**.

A 20% lighter version of the original color is **58.2192, 41.0378, 51.3070**, and **23.3385, 11.8466, 9.4440** is the 20% darker color. If you saturate the color by 10%, you get **45.2909, 24.2926, 18.9084**, and if you desaturate by 10%, it is **50.7715, 31.5501, 32.1530**.

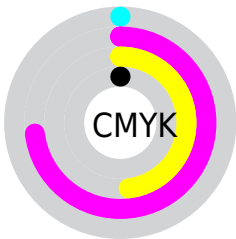
Distribution



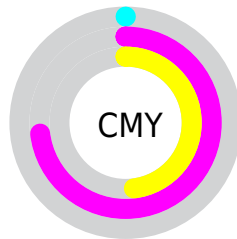
- Red (100%)
- Green (27%)
- Blue (52%)



- Red (100%)
- Yellow (27%)
- Blue (52%)



- Cyan (0%)
- Magenta (73%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6018, 27.2097, 24.9334 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 47.6018, 27.2097, 24.9334 by changing the saturation by 10% instead.


 47.6018, 27.2097,
24.9334

 47.6018, 27.2097,
24.9334

367.8205,
288.6710, 290.9432


 33.7216, 17.7308,
15.8089


 85.8245, 55.2202,
52.5119


 22.8417, 10.7569,
9.2361


 110.8977, 74.5205,
71.8030

 14.5967, 5.9036,
4.7966


 140.4327, 97.8635,
95.3201

 8.6213, 2.7865,
2.0718

 174.7947,
125.6334, 123.4816

 4.5501, 1.0213,
0.5989

 214.3491,
158.2148, 156.7061

 2.0178, 0.0000,
0.0000

259.4613,

 0.6439, 0.0000,

195.9919, 195.4122

0.0000

310.4967,
239.3492, 240.0183

■ 0.0000, 0.0000,
0.0000

■ 47.6018, 27.2097,
24.9334

■ 47.6018, 27.2097,
24.9334

■ 45.2909, 24.2926,
18.9084

■ 50.7715, 31.5501,
32.1530

■ 43.7348, 22.6043,
13.9999

■ 54.8826, 37.4658,
40.6342

■ 42.9903, 21.9601,
11.1471

■ 60.0100, 45.0942,
50.4398

■ 66.2198, 54.5564,
61.6275

■ 73.5726, 65.9622,
74.2512

82.1243, 79.4131,
88.3618

91.9269, 95.0031,
104.0076

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.



45.4174, 27.2097, 55.6056



47.6018, 27.2097, 24.9334



42.9401, 27.2097, 8.8993

Triad

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



47.6018, 27.2097, 24.9334



16.9064, 27.2097, 4.6566



19.2708, 27.2097, 103.2649

Complementary

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



47.6018, 27.2097, 24.9334



47.6204, 76.5477, 61.5625

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.



14.0450, 27.2097, 69.7455



47.6018, 27.2097, 24.9334



12.9222, 27.2097, 13.3411

Square

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



47.6018, 27.2097, 24.9334



24.1666, 27.2097, 2.4589



12.0141, 27.2097, 34.8749



27.6349, 27.2097, 113.2994

Rectangle

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



47.6018, 27.2097, 24.9334



37.1029, 27.2097, 4.4657



12.0141, 27.2097, 34.8749



17.1572, 27.2097, 93.6895

Sweetspot

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



47.6025, 27.2112, 24.9338



74.3216, 67.1333, 75.5084



41.3902, 22.4126, 96.7522



15.4498, 13.6538, 15.3901



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.



47.6025, 27.2112, 24.9338



44.4159, 23.2977, 16.2885



46.5810, 30.2227, 9.0108



18.2673, 18.0902, 20.0248



22.5262, 11.4998, 6.1556



2.2423, 1.1393, 0.8574

Inverse Universe

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



47.6025, 27.2112, 24.9338



44.4159, 23.2977, 16.2885



48.0020, 63.4795, 104.3304



18.2673, 18.0902, 20.0248



22.5262, 11.4998, 6.1556



2.2423, 1.1393, 0.8574

Previews

White Background



This preview shows how the XYZ color 47.6018, 27.2097, 24.9334 looks on a white background.

Color Contrast Check

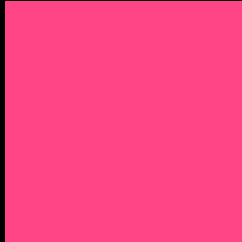
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6018, 27.2097, 24.9334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

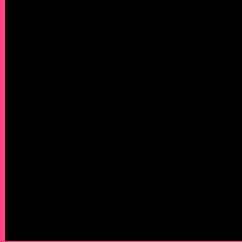
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.6018, 27.2097, 24.9334

Background



This preview shows how black text looks on a background with the XYZ color 47.6018, 27.2097, 24.9334.



This preview shows how white text looks on a background with the XYZ color 47.6018, 27.2097,

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

47.6018, 27.2097, 24.9334

Protanopia

27.1565, 27.2566, 43.8742

Deuteranopia

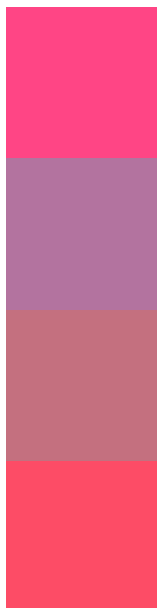
27.6880, 27.1331, 22.8467



Tritanopia

44.6532, 27.0886, 11.4695

Trichromacy



Original Color

47.6018, 27.2097, 24.9334

Protanomaly

30.9791, 24.3484, 35.8678

Deuteranomaly

32.3899, 24.8564, 23.1693

Tritanomaly

45.4907, 27.0108, 15.3864

Monochromacy



Original Color

47.6018, 27.2097, 24.9334

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.7650, 21.9503, 24.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6018, 27.2097, 24.9334 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, 69, 133)` looks like.

```
.text, #text, p{  
  color:rgb(255, 69, 133)  
}
```

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, 69, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 133) }
```

Border

The CSS property to change the border of an element to XYZ 47.6018, 27.2097, 24.9334 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, 69, 133) }
```


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

```
.border{ border-color:rgb(255, 69, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6018, 27.2097, 24.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 133) }
```

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

```
.background{ background-color: rgb(255, 69,  
133) }
```

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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