

Converting Colors

XYZ(47.1605, 28.1083, 19.2953)

Have a look what the booklet for
XYZ(47.1605, 28.1083, 19.2953)
contains.

XYZ(47.1305, 28.0898, 19.1575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1305, 28.0898,
19.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4F73
RGB	255, 79, 115
RGB Percent	100%, 31%, 45%
CMY	0.0000, 0.6901, 0.5490
CMYK	0.00, 0.69, 0.55, 0.00
HSL	348°, 100%, 65%
HSV	348°, 69%, 100%
XYZ	47.1305, 28.0898, 19.1575
YIQ	135.7280, 93.3400, 48.5080

Conversions

Conversions Part 2

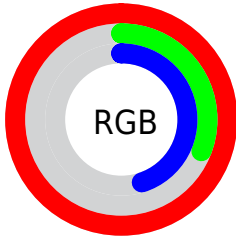
Format	Color
R_{YB}	255, 79, 115
Decimal	16732019
CIE _{Lab}	59.97, 68.30, 18.91
CIE _{LCh}	60, 70.868, 15.478
Yxy	28.0898, 0.4994, 0.2976
Android (android.graphics.Color)	4294922099 (0xFFFF4F73)
YUV	135.7280, -10.2189, 104.6015
Hunter-Lab	52.9998, 65.9829, 15.6687

Details

The XYZ color **47.1305, 28.0898, 19.1575** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **51.7729, 78.2975, 79.4094**, and the grayscale version is **23.3143, 24.5284, 26.7115**.

A 20% lighter version of the original color is **57.3035, 42.2270, 41.6896**, and **22.7513, 11.6117, 6.3523** is the 20% darker color. If you saturate the color by 10%, you get **44.5890, 24.6741, 13.1712**, and if you desaturate by 10%, it is **50.6351, 33.0212, 26.7323**.

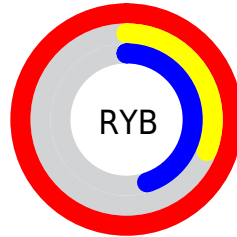
Distribution



Red (100%)

Green (31%)

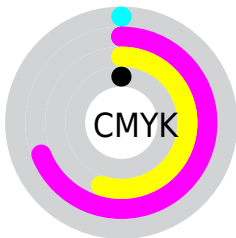
Blue (45%)



Red (100%)

Yellow (31%)

Blue (45%)

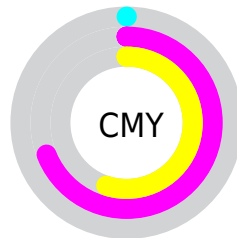


Cyan (0%)

Magenta (69%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1305, 28.0898, 19.1575 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 47.1305, 28.0898, 19.1575 by changing the saturation by 10% instead.


 47.1305, 28.0898,
19.1575


 47.1305, 28.0898,
19.1575

365.9754,
292.8958, 259.7685


 33.3472, 18.3934,
11.6062


 85.1259, 56.6278,
42.8403


 22.5531, 11.2328,
6.3568


 110.0688, 76.2381,
59.8089

 14.3827, 6.2236,
2.9910


 139.4622, 99.9219,
80.7536

 8.4708, 2.9815,
1.0900

 173.6716,
128.0634, 106.0930

 4.4520, 1.1221,
0.0000

213.0622,
161.0472, 136.2457

 1.9609, 0.0000,
0.0000

257.9995,

 0.6118, 0.0000,

199.2576, 171.6301

0.0000

308.8488,
243.0790, 212.6649

■ 0.0000, 0.0000,
0.0000

■ 47.1305, 28.0898,
19.1575

■ 47.1305, 28.0898,
19.1575

■ 44.5890, 24.6741,
13.1712

■ 50.6351, 33.0212,
26.7323

■ 42.9059, 22.5912,
8.6539

■ 55.1885, 39.6141,
36.0000

■ 41.9363, 21.5821,
5.4634

■ 60.8688, 48.0022,
47.0572

■ 41.8629, 21.5092,
5.2114

■ 67.7460, 58.3044,
59.9925

■ 75.8845, 70.6293,
74.8890

85.3438, 85.0773,
91.8242

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



47.2399, 28.0898, 44.7984



47.1305, 28.0898, 19.1575



40.7906, 28.0898, 7.0881

Triad

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



47.1305, 28.0898, 19.1575



16.1485, 28.0898, 7.3114



22.5836, 28.0898, 108.2079

Complementary

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



47.1305, 28.0898, 19.1575



51.7729, 78.2975, 79.4094

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.



16.2952, 28.0898, 81.3896



47.1305, 28.0898, 19.1575



13.1882, 28.0898, 19.7492

Square

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



47.1305, 28.0898, 19.1575



22.3346, 28.0898, 3.3524



13.2350, 28.0898, 45.8384



31.5968, 28.0898, 107.7109

Rectangle

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



47.1305, 28.0898, 19.1575



34.5585, 28.0898, 4.0038



13.2350, 28.0898, 45.8384



20.1310, 28.0898, 101.6317

Sweetspot

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



47.1312, 28.0914, 19.1580



74.1660, 68.0171, 71.7724



49.4230, 27.5453, 97.3192



15.3812, 13.8101, 14.4626



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.



47.1312, 28.0914, 19.1580



43.8219, 23.6954, 11.2021



50.4853, 37.4922, 11.9753



18.1613, 18.0478, 19.4664



21.9168, 11.2560, 2.9465



2.1710, 1.1108, 0.4820

Inverse Universe

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



47.1312, 28.0914, 19.1580



43.8219, 23.6954, 11.2021



43.1393, 52.6106, 102.4885



18.1613, 18.0478, 19.4664



21.9168, 11.2560, 2.9465



2.1710, 1.1108, 0.4820

Previews

White Background



This preview shows how the XYZ color 47.1305, 28.0898, 19.1575 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 47.1305, 28.0898, 19.1575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

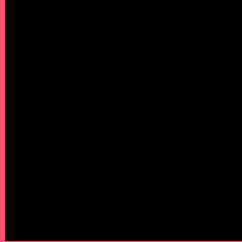
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.1305, 28.0898, 19.1575

Background



This preview shows how black text looks on a background with the XYZ color 47.1305, 28.0898, 19.1575.



This preview shows how white text looks on a background with the XYZ color 47.1305, 28.0898,

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

47.1305, 28.0898, 19.1575

Protanopia

27.2723, 28.2561, 31.6203

Deuteranopia

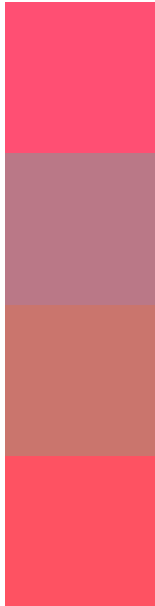
28.6287, 28.1638, 17.5629



Tritanopia

45.8465, 28.1327, 12.4650

Trichromacy



Original Color

47.1305, 28.0898, 19.1575

Protanomaly

31.3393, 25.6213, 26.2153

Deuteranomaly

33.4787, 26.3833, 17.7960

Tritanomaly

46.0949, 27.9873, 14.5279

Monochromacy



Original Color

47.1305, 28.0898, 19.1575

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

28.6174, 23.4037, 23.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1305, 28.0898, 19.1575 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, 79, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 115)  
}
```

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, 79, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 115) }
```

Border

The CSS property to change the border of an element to XYZ 47.1305, 28.0898, 19.1575 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, 79, 115) }
```


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

```
.border{ border-color:rgb(255, 79, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1305, 28.0898, 19.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 115) }
```

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

```
.background{ background-color: rgb(255, 79,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor