

Converting Colors

XYZ(47.2248, 28.7264, 17.8076)

Have a look what the booklet for
XYZ(47.2248, 28.7264, 17.8076)
contains.

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Color

**XYZ(47.2248, 28.7264,
17.8076)**

Conversions

Conversions Part 1

Format	Color
Hex	FF546E
RGB	255, 84, 110
RGB Percent	100%, 33%, 43%
CMY	0.0000, 0.6705, 0.5686
CMYK	0.00, 0.67, 0.57, 0.00
HSL	351°, 100%, 66%
HSV	351°, 67%, 100%
XYZ	47.2248, 28.7264, 17.8076
YIQ	138.0930, 93.5700, 44.3380

Conversions

Conversions Part 2

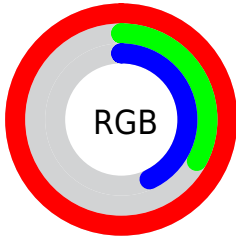
Format	Color
R_{YB}	255, 84, 110
Decimal	16733294
CIE _{Lab}	60.54, 66.11, 22.59
CIE _{LCh}	61, 69.859, 18.867
Yxy	28.7264, 0.5037, 0.3064
Android (android.graphics.Color)	4294923374 (0xFFFF546E)
YUV	138.0930, -13.8498, 102.5274
Hunter-Lab	53.5970, 63.4831, 17.8188

Details

The XYZ color **47.2248, 28.7264, 17.8076** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **53.5612, 79.0627, 86.5734**, and the grayscale version is **24.2206, 25.4820, 27.7499**.

A 20% lighter version of the original color is **57.3460, 43.1792, 39.0302**, and **22.6571, 11.6088, 5.7492** is the 20% darker color. If you saturate the color by 10%, you get **44.5559, 25.0486, 11.8011**, and if you desaturate by 10%, it is **50.9023, 33.9622, 25.5679**.

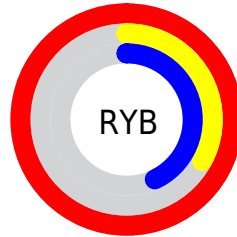
Distribution



Red (100%)

Green (33%)

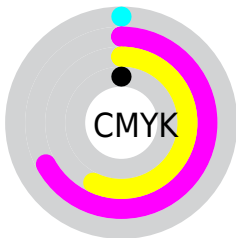
Blue (43%)



Red (100%)

Yellow (33%)

Blue (43%)

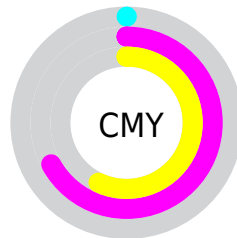


Cyan (0%)

Magenta (67%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2248, 28.7264, 17.8076 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 47.2248, 28.7264, 17.8076 by changing the saturation by 10% instead.


 47.2248, 28.7264,
17.8076


 47.2248, 28.7264,
17.8076


366.3451,
295.9218, 251.9839


 33.4221, 18.8739,
10.6439

 85.2658, 57.6421,
40.5187


 22.6108, 11.5792,
5.7168


 110.2348, 77.4741,
56.9032

 14.4255, 6.4579,
2.6077


 139.6566,
101.4015, 77.1984

 8.5009, 3.1254,
0.8964

 173.8965,
129.8086, 101.8229

 4.4716, 1.1976,
0.0000

213.3200,
163.0797, 131.1951

 1.9722, 0.0597,
0.0000

258.2923,

 0.6183, 0.0000,

201.5994, 165.7337

0.0000

309.1789,
245.7520, 205.8571

■ 0.0000, 0.0000,
0.0000

■ 47.2248, 28.7264,
17.8076

■ 47.2248, 28.7264,
17.8076

■ 44.5559, 25.0486,
11.8011

■ 50.9023, 33.9622,
25.5679

■ 42.7897, 22.7505,
7.4074

■ 55.6756, 40.8990,
35.2047

■ 41.7975, 21.6134,
4.4645

■ 61.6247, 49.6691,
46.8311

■ 41.6021, 21.4048,
3.8375

■ 68.8214, 60.3904,
60.5507

■ 77.3318, 73.1708,
76.4601

87.2173, 88.1105,
94.6496

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.



48.1027, 28.7264, 41.8830



47.2248, 28.7264, 17.8076



40.3761, 28.7264, 6.7993

Triad

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



47.2248, 28.7264, 17.8076



16.2125, 28.7264, 8.6602



24.0897, 28.7264, 109.7171

Complementary

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



47.2248, 28.7264, 17.8076



53.5612, 79.0627, 86.5734

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.



17.4096, 28.7264, 85.5928



47.2248, 28.7264, 17.8076



13.5762, 28.7264, 22.6340

Square

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



47.2248, 28.7264, 17.8076



22.0700, 28.7264, 3.8878



13.9598, 28.7264, 50.2486



33.3054, 28.7264, 105.7617

Rectangle

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



47.2248, 28.7264, 17.8076



34.0464, 28.7264, 4.0575



13.9598, 28.7264, 50.2486



21.5155, 28.7264, 104.2558

Sweetspot

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



47.2255, 28.7280, 17.8081



74.6853, 69.1867, 71.5414



52.7426, 29.8122, 97.5818



15.4686, 14.0319, 14.3471



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.



47.2255, 28.7280, 17.8081



43.9471, 24.2370, 10.3461



52.3664, 40.9520, 13.5342



18.1219, 18.0321, 19.2590



21.7714, 11.1979, 2.1808



2.1512, 1.1029, 0.3777

Inverse Universe

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



47.2255, 28.7280, 17.8081



43.9471, 24.2370, 10.3461



41.9019, 49.4949, 101.9524



18.1219, 18.0321, 19.2590



21.7714, 11.1979, 2.1808



2.1512, 1.1029, 0.3777

Previews

White Background



This preview shows how the XYZ color 47.2248, 28.7264, 17.8076 looks on a white background.

Color Contrast Check

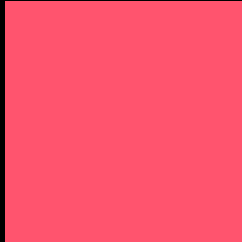
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2248, 28.7264, 17.8076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

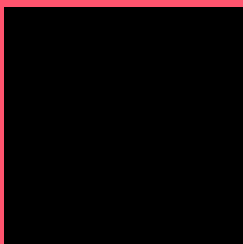
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.2248, 28.7264, 17.8076

Background



This preview shows how black text looks on a background with the XYZ color 47.2248, 28.7264, 17.8076.



This preview shows how white text looks on a background with the XYZ color 47.2248, 28.7264,

17.8076.

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

47.2248, 28.7264, 17.8076

Protanopia

27.7016, 29.0012, 28.5638

Deuteranopia

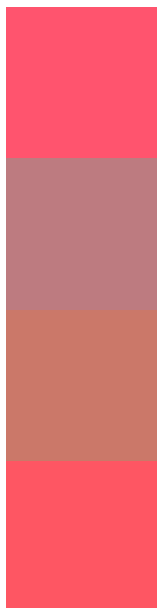
29.2319, 28.7141, 16.5721



Tritanopia

46.2130, 28.6599, 13.2214

Trichromacy



Original Color

47.2248, 28.7264, 17.8076

Protanomaly

31.9655, 26.5432, 23.8607

Deuteranomaly

33.8949, 27.1494, 16.8185

Tritanomaly

46.4530, 28.6273, 14.8817

Monochromacy



Original Color

47.2248, 28.7264, 17.8076

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

29.4308, 24.3391, 23.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2248, 28.7264, 17.8076 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, 84, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 110)  
}
```

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, 84, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 110) }
```

Border

The CSS property to change the border of an element to XYZ 47.2248, 28.7264, 17.8076 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, 84, 110) }
```


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

```
.border{ border-color:rgb(255, 84, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2248, 28.7264, 17.8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 110) }
```

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

```
.background{ background-color: rgb(255, 84,  
110) }
```

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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