

Converting Colors

XYZ(47.1915, 26.7866, 23.5716)

Have a look what the booklet for
XYZ(47.1915, 26.7866, 23.5716)
contains.

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Color

**XYZ(47.1507, 26.7414,
23.4454)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4281 |
| RGB | 255, 66, 129 |
| RGB Percent | 100%, 26%, 51% |
| CMY | 0.0000, 0.7411, 0.4941 |
| CMYK | 0.00, 0.74, 0.49, 0.00 |
| HSL | 340°, 100%, 63% |
| HSV | 340°, 74%, 100% |
| XYZ | 47.1507, 26.7414, 23.4454 |
| YIQ | 129.6930, 92.4210, 59.6610 |

Conversions

Conversions Part 2

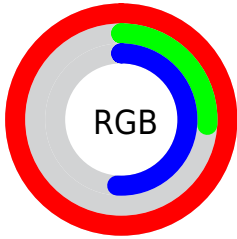
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 66, 129 |
| Decimal | 16728705 |
| CIE Lab | 58.73, 73.68, 8.98 |
| CIE LCh | 59, 74.225, 6.947 |
| Yxy | 26.7414, 0.4844, 0.2747 |
| Android (android.graphics.Color) | 4294918785 (0xFFFF4281) |
| YUV | 129.6930, -0.3416, 109.8942 |
| Hunter-Lab | 51.7121, 72.2588, 9.3174 |

Details

The XYZ color **47.1507, 26.7414, 23.4454** is a light color, and the websafe version is hex **FF3366**. The color can be described as light washed rose. A complement of this color would be **47.5234, 76.4849, 62.1347**, and the grayscale version is **21.0900, 22.1883, 24.1631**.

A 20% lighter version of the original color is **57.4027, 40.0757, 48.9659**, and **23.1862, 11.7857, 8.6422** is the 20% darker color. If you saturate the color by 10%, you get **44.9407, 23.9822, 17.5895**, and if you desaturate by 10%, it is **50.2135, 30.9056, 30.5136**.

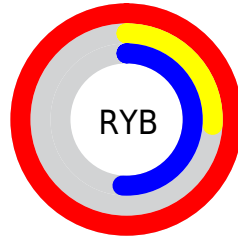
Distribution



Red (100%)

Green (26%)

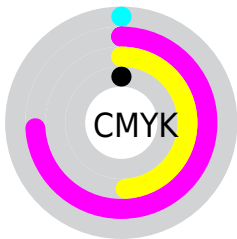
Blue (51%)



Red (100%)

Yellow (26%)

Blue (51%)

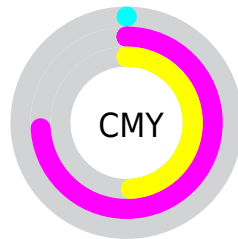


Cyan (0%)

Magenta (74%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1507, 26.7414, 23.4454 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 47.1507, 26.7414, 23.4454 by changing the saturation by 10% instead.


 47.1507, 26.7414,
23.4454


 47.1507, 26.7414,
23.4454


366.0546,
286.4028, 283.2002


 33.3633, 17.3791,
14.7143

 85.1559, 54.4686,
50.0561


 22.5654, 10.5052,
8.4748


 110.1044, 73.6023,
68.7728


 14.3919, 5.7352,
4.3081


 139.5039, 96.7620,
91.6551

 8.4772, 2.6847,
1.7959

 173.7198,
124.3319, 119.1216

 4.4562, 0.9694,
0.4252

 213.1175,
156.6966, 151.5908

 1.9633, 0.0000,
0.0000

258.0623,

 0.6132, 0.0000,

194.2404, 189.4813

0.0000

308.9195,
237.3477, 233.2116

■ 0.0000, 0.0000,
0.0000

■ 47.1507, 26.7414,
23.4454

■ 47.1507, 26.7414,
23.4454

■ 44.9407, 23.9822,
17.5895

■ 50.2135, 30.9056,
30.5136

■ 43.4764, 22.4282,
12.8637


■ 54.2139, 36.6301,
38.8645


■ 42.8792, 21.9157,
10.5622

■ 59.2281, 44.0545,
48.5638

■ 65.3236, 53.3015,
59.6716

■ 72.5619, 64.4825,
72.2443

 80.9997, 77.6997,
86.3350

 90.6898, 93.0483,
101.9939

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.



45.2531, 26.7414, 53.5997



47.1507, 26.7414, 23.4454



42.2029, 26.7414, 8.1357

Triad

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



47.1507, 26.7414, 23.4454



16.2515, 26.7414, 4.5754



19.1390, 26.7414, 104.2927

Complementary

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



47.1507, 26.7414, 23.4454



47.5234, 76.4849, 62.1347

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.



13.8024, 26.7414, 71.0418



47.1507, 26.7414, 23.4454



12.4358, 26.7414, 13.5234

Square

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



47.1507, 26.7414, 23.4454



23.3507, 26.7414, 2.2858



11.6613, 26.7414, 35.6362



27.6016, 26.7414, 113.0705

Rectangle

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



47.1507, 26.7414, 23.4454



36.2545, 26.7414, 4.0279



11.6613, 26.7414, 35.6362



16.9880, 26.7414, 94.9310

Sweetspot

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



47.1514, 26.7429, 23.4458



74.2427, 67.1018, 75.0928



41.7383, 22.3250, 96.7169



15.4313, 13.6464, 15.2930



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.



47.1514, 26.7429, 23.4458



44.1394, 23.0861, 15.1440



46.5457, 30.2976, 8.5511



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8430



2.2358, 1.1367, 0.8231

Inverse Universe

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



47.1514, 26.7429, 23.4458



44.1394, 23.0861, 15.1440



46.8196, 61.4227, 103.9957



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8430



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 47.1507, 26.7414, 23.4454 looks on a white background.

Color Contrast Check

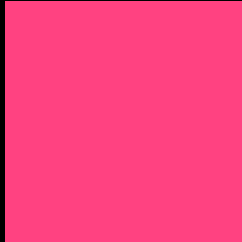
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1507, 26.7414, 23.4454 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 47.1507, 26.7414, 23.4454

Background



This preview shows how black text looks on a background with the XYZ color 47.1507, 26.7414, 23.4454.



This preview shows how white text looks on a background with the XYZ color 47.1507, 26.7414,

23.4454.

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

47.1507, 26.7414, 23.4454

Protanopia

26.6255, 26.8093, 41.8016

Deuteranopia

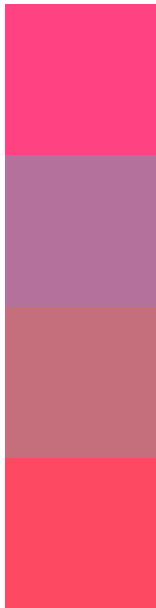
27.2986, 26.7509, 21.4940



Tritanopia

44.2840, 26.5973, 10.5843

Trichromacy



Original Color

47.1507, 26.7414, 23.4454

Protanomaly

30.4119, 23.7605, 33.9937

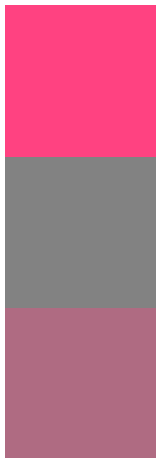
Deuteranomaly

32.0245, 24.5347, 21.7867

Tritanomaly

45.0952, 26.5296, 14.2992

Monochromacy



Original Color

47.1507, 26.7414, 23.4454

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

26.9662, 21.2411, 23.7978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1507, 26.7414, 23.4454 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, 66, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 129)  
}
```

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, 66, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 129) }
```

Border

The CSS property to change the border of an element to XYZ 47.1507, 26.7414, 23.4454 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, 66, 129) }
```


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

```
.border{ border-color:rgb(255, 66, 129) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1507, 26.7414, 23.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 129) }
```

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

```
.background{ background-color: rgb(255, 66,  
129) }
```

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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