

Converting Colors

XYZ(47.5043, 27.2024, 25.4486)

Have a look what the booklet for
XYZ(47.5043, 27.2024, 25.4486)
contains.

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Color

**XYZ(47.3663, 27.1724,
25.3026)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4686
RGB	254, 70, 134
RGB Percent	100%, 27%, 53%
CMY	0.0039, 0.7254, 0.4745
CMYK	0.00, 0.72, 0.47, 0.00
HSL	339°, 99%, 64%
HSV	339°, 72%, 100%
XYZ	47.3663, 27.1724, 25.3026
YIQ	132.3120, 89.1200, 58.9120

Conversions

Conversions Part 2

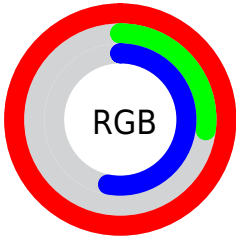
Format	Color
RYB	254, 70, 134
Decimal	16664198
CIELab	59.13, 72.56, 6.58
CIELCh	59, 72.858, 5.182
Yxy	27.1724, 0.4744, 0.2722
Android (android.graphics.Color)	4294854278 (0xFFFE4686)
YUV	132.3120, 0.8322, 106.7204
Hunter-Lab	52.1272, 70.9748, 7.7095

Details

The XYZ color **47.3663, 27.1724, 25.3026** 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 **47.2640, 75.9042, 60.8819**, and the grayscale version is **22.0212, 23.1680, 25.2299**.

A 20% lighter version of the original color is **58.3259, 41.0805, 51.8689**, and **23.1256, 11.7322, 9.6400** is the 20% darker color. If you saturate the color by 10%, you get **45.0331, 24.2127, 19.2638**, and if you desaturate by 10%, it is **50.5532, 31.5501, 32.5194**.

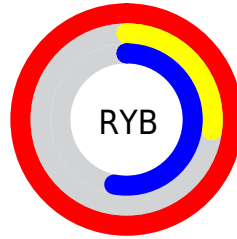
Distribution



Red (100%)

Green (27%)

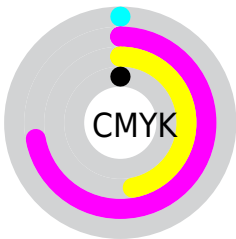
Blue (53%)



Red (100%)

Yellow (27%)

Blue (53%)

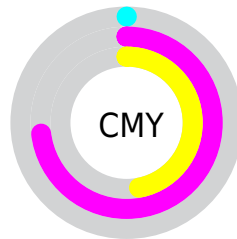


Cyan (0%)

Magenta (72%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3663, 27.1724, 25.3026 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 47.3663, 27.1724, 25.3026 by changing the saturation by 10% instead.


 47.3663, 27.1724,
25.3026


 47.3663, 27.1724,
25.3026


366.8993,
288.4909, 292.8373


 33.5345, 17.7027,
16.0816


 85.4756, 55.1604,
53.1179


 22.6974, 10.7368,
9.4269


 110.4837, 74.4475,
72.5493


 14.4897, 5.8901,
4.9201


 139.9480, 97.7759,
96.2211

 8.5460, 2.7784,
2.1425

 174.2338,
125.5300, 124.5521

 4.5010, 1.0172,
0.6409

 213.7065,
158.0941, 157.9606

 1.9893, 0.0000,
0.0000

258.7314,

 0.6279, 0.0000,

195.8527, 196.8653

0.0000

309.6739,
239.1902, 241.6847

■ 0.0000, 0.0000,
0.0000

■ 47.3663, 27.1724,
25.3026

■ 47.3663, 27.1724,
25.3026

■ 45.0331, 24.2127,
19.2638

■ 50.5532, 31.5501,
32.5194

■ 43.4519, 22.4808,
14.3271


■ 54.6749, 37.4950,
40.9793


■ 42.6484, 21.7810,
11.2622

■ 59.8049, 45.1423,
50.7436

■ 66.0082, 54.6111,
61.8685

■ 73.3446, 66.0100,
74.4065

 81.8689, 79.4387,
88.4076

 91.6325, 94.9903,
103.9186

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



45.0982, 27.1724, 55.8760



47.3663, 27.1724, 25.3026



42.8536, 27.1724, 9.1372

Triad

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



47.3663, 27.1724, 25.3026



17.0289, 27.1724, 4.6666



19.1792, 27.1724, 101.9633

Complementary

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



47.3663, 27.1724, 25.3026



47.2640, 75.9042, 60.8819

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.



14.0388, 27.1724, 68.6771



47.3663, 27.1724, 25.3026



13.0162, 27.1724, 13.1897

Square

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



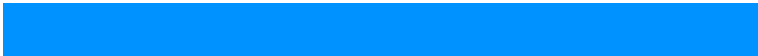
47.3663, 27.1724, 25.3026



24.2840, 27.1724, 2.5179



12.0659, 27.1724, 34.3277



27.4331, 27.1724, 112.3511

Rectangle

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



47.3663, 27.1724, 25.3026



37.1124, 27.1724, 4.6138



12.0659, 27.1724, 34.3277



17.0976, 27.1724, 92.4061

Sweetspot

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



47.3670, 27.1739, 25.3030



74.3491, 67.1443, 75.6533



41.2168, 22.4339, 95.9235



15.4562, 13.6564, 15.4240



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.



47.3670, 27.1739, 25.3030



44.6192, 23.4885, 17.0214



46.3102, 30.1758, 9.1802



18.2702, 18.0914, 20.0399



22.5474, 11.5082, 6.2670



2.2446, 1.1402, 0.8695

Inverse Universe

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



47.3670, 27.1739, 25.3030



44.6192, 23.4885, 17.0214



47.7218, 63.0697, 103.4242



18.2702, 18.0914, 20.0399



22.5474, 11.5082, 6.2670



2.2446, 1.1402, 0.8695

Previews

White Background



This preview shows how the XYZ color 47.3663, 27.1724, 25.3026 looks on a white background.

Color Contrast Check

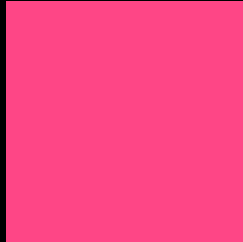
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3663, 27.1724, 25.3026 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 47.3663, 27.1724, 25.3026

Background



This preview shows how black text looks on a background with the XYZ color 47.3663, 27.1724, 25.3026.



This preview shows how white text looks on a background with the XYZ color 47.3663, 27.1724,

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

47.3663, 27.1724, 25.3026

Protanopia

27.2544, 27.2958, 44.3896

Deuteranopia

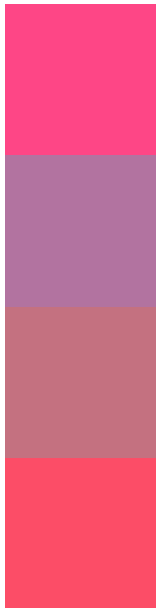
27.7516, 27.1585, 23.1815



Tritanopia

44.4058, 27.0660, 11.6879

Trichromacy



Original Color

47.3663, 27.1724, 25.3026

Protanomaly

30.8360, 24.2645, 36.3160

Deuteranomaly

32.5664, 25.1045, 23.5513

Tritanomaly

45.2469, 26.9825, 15.6553

Monochromacy



Original Color

47.3663, 27.1724, 25.3026

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.6068, 21.8608, 24.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3663, 27.1724, 25.3026 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(254, 70, 134)` looks like.

```
.text, #text, p{  
    color:rgb(254, 70, 134)  
}
```

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(254, 70, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 70, 134) }
```

Border

The CSS property to change the border of an element to XYZ 47.3663, 27.1724, 25.3026 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(254, 70, 134) }
```


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

```
.border{ border-color:rgb(254, 70, 134) }
```

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

Here you see how a box with a 4 pixel rgb(254, 70, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 70, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 70, 134);  
box-shadow:4px 4px 4px 4px rgb(254, 70,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3663, 27.1724, 25.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 70, 134) }
```

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

```
.background{ background-color: rgb(254, 70,  
134) }
```

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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