

Converting Colors

XYZ(47.4092, 26.6742, 40.5847)

Have a look what the booklet for
XYZ(47.4092, 26.6742, 40.5847)
contains.

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Color

**XYZ(47.3289, 26.6294,
40.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	F644AA
RGB	246, 68, 170
RGB Percent	96%, 27%, 67%
CMY	0.0353, 0.7333, 0.3333
CMYK	0.00, 0.72, 0.31, 0.04
HSL	326°, 91%, 62%
HSV	326°, 72%, 96%
XYZ	47.3289, 26.6294, 40.6757
YIQ	132.8500, 73.3460, 69.4580

Conversions

Conversions Part 2

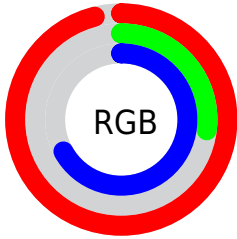
Format	Color
R _{YB}	246, 68, 170
Decimal	16139434
CIE Lab	58.63, 74.63, -15.37
CIE LCh	59, 76.194, 348.363
Yxy	26.6294, 0.4129, 0.2323
Android (android.graphics.Color)	4294329514 (0xFFFF644AA)
YUV	132.8500, 18.3150, 99.2326
Hunter-Lab	51.6037, 73.4068, -10.6117

Details

The XYZ color **47.3289, 26.6294, 40.6757** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40.3755, 69.1550, 37.6104**, and the grayscale version is **22.1585, 23.3125, 25.3873**.

A 20% lighter version of the original color is **62.8132, 42.6615, 76.1580**, and **23.2776, 11.6223, 18.1560** is the 20% darker color. If you saturate the color by 10%, you get **45.1862, 23.8712, 35.2532**, and if you desaturate by 10%, it is **50.1762, 30.6695, 46.7252**.

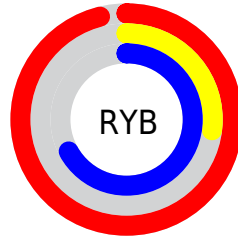
Distribution



Red (96%)

Green (27%)

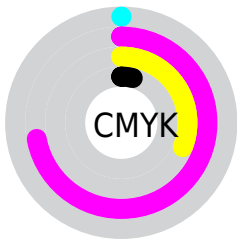
Blue (67%)



Red (96%)

Yellow (27%)

Blue (67%)

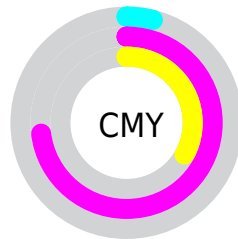


Cyan (0%)

Magenta (72%)

Yellow (31%)

Black (4%)



Cyan (4%)


Magenta (73%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3289, 26.6294, 40.6757 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 47.3289, 26.6294, 40.6757 by changing the saturation by 10% instead.

 47.3289, 26.6294,
40.6757

 47.3289, 26.6294,
40.6757

366.7529,
285.8582, 364.5998

 33.5048, 17.2951,
27.7480


 85.4201, 54.2886,
77.4397


 22.6745, 10.4451,
17.8984


 110.4179, 73.3823,
102.1130

 14.4727, 5.6951,
10.7084


 139.8710, 96.4979,
131.5386

 8.5341, 2.6606,
5.7594

 174.1447,
124.0197, 166.1350

 4.4932, 0.9572,
2.6329

 213.6044,
156.3323, 206.3208

 1.9848, 0.0000,
0.9094

258.6154,

 0.6254, 0.0000,

193.8200, 252.5145

0.0000

309.5431,
236.8672, 305.1347

■ 0.0000, 0.0000,
0.0000

■ 47.3289, 26.6294,
40.6757

■ 47.3289, 26.6294,
40.6757

■ 45.1862, 23.8712,
35.2532

■ 50.1762, 30.6695,
46.7252

■ 43.6600, 22.2220,
30.4187


■ 53.7970, 36.1268,
53.4329


■ 42.8109, 21.5148,
27.0801


■ 58.2542, 43.1241,
60.8284


■ 63.6031, 51.7695,
68.9386

■ 69.8942, 62.1615,
77.7882

 77.1741, 74.3905,
87.4005

 85.4862, 88.5409,
97.7977

 91.6608, 98.2707,
107.9304

 91.8161, 98.3329,
108.7487

Harmonies

Analogous

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



41.2720, 26.6294, 78.4488



47.3289, 26.6294, 40.6757



46.5049, 26.6294, 15.6070

Triad

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



47.3289, 26.6294, 40.6757



20.0568, 26.6294, 2.4362



15.1426, 26.6294, 87.0406

Complementary

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



47.3289, 26.6294, 40.6757



40.3755, 69.1550, 37.6104

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.



11.7906, 26.6294, 48.4369



47.3289, 26.6294, 40.6757



14.1079, 26.6294, 6.4706

Square

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



47.3289, 26.6294, 40.6757



29.1145, 26.6294, 2.1484



11.4655, 26.6294, 19.7963



21.8530, 26.6294, 114.3621

Rectangle

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



47.3289, 26.6294, 40.6757



42.1941, 26.6294, 7.3362



11.4655, 26.6294, 19.7963



13.6651, 26.6294, 74.1511

Sweetspot

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



47.3297, 26.6308, 40.6762



76.0707, 67.8330, 84.7189



29.8875, 16.5556, 88.8093



15.8611, 13.8184, 17.5561



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.



47.3297, 26.6308, 40.6762



48.1570, 24.9036, 35.6512



41.6293, 24.3506, 10.6581



16.8971, 16.6417, 19.2048



22.9224, 11.5124, 14.8318



2.0660, 1.0324, 1.5742

Inverse Universe

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



47.3297, 26.6308, 40.6762



48.1570, 24.9036, 35.6512



49.7881, 72.9201, 87.1766



16.8971, 16.6417, 19.2048



22.9224, 11.5124, 14.8318



2.0660, 1.0324, 1.5742

Previews

White Background



This preview shows how the XYZ color 47.3289, 26.6294, 40.6757 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 47.3289, 26.6294, 40.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

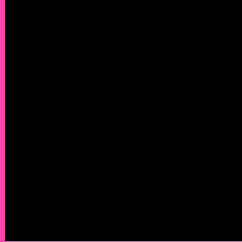
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.3289, 26.6294, 40.6757

Background



This preview shows how black text looks on a background with the XYZ color 47.3289, 26.6294, 40.6757.



This preview shows how white text looks on a background with the XYZ color 47.3289, 26.6294,

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

47.3289, 26.6294, 40.6757

Protanopia

28.7064, 27.0121, 71.4110

Deuteranopia

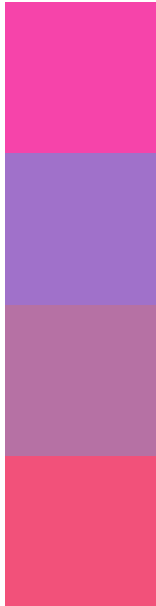
27.3756, 26.8612, 37.4601



Tritanopia

41.5731, 26.4962, 13.7496

Trichromacy



Original Color

47.3289, 26.6294, 40.6757

Protanomaly

31.0630, 23.5481, 58.7852

Deuteranomaly

31.8974, 24.4357, 38.1573

Tritanomaly

43.0732, 26.1672, 21.1929

Monochromacy



Original Color

47.3289, 26.6294, 40.6757

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

28.1125, 22.0113, 29.9610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3289, 26.6294, 40.6757 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(246, 68, 170)` looks like.

```
.text, #text, p{  
    color:rgb(246, 68, 170)  
}
```

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(246, 68, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 68, 170) }
```

Border

The CSS property to change the border of an element to XYZ 47.3289, 26.6294, 40.6757 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(246, 68, 170) }
```


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

```
.border{ border-color:rgb(246, 68, 170) }
```

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

Here you see how a box with a 4 pixel rgb(246, 68, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 68, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 68, 170);  
box-shadow:4px 4px 4px 4px rgb(246, 68,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3289, 26.6294, 40.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 68, 170) }
```

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

```
.background{ background-color: rgb(246, 68,  
170) }
```

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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