

Converting Colors

XYZ(43.4049, 27.0805, 41.4674)

Have a look what the booklet for
XYZ(43.4049, 27.0805, 41.4674)
contains.

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Color

**XYZ(43.4049, 27.0805,
41.4674)**

Conversions

Conversions Part 1

Format	Color
Hex	E55BAB
RGB	229, 91, 171
RGB Percent	90%, 36%, 67%
CMY	0.1020, 0.6431, 0.3294
CMYK	0.00, 0.60, 0.25, 0.10
HSL	325°, 73%, 63%
HSV	325°, 60%, 90%
XYZ	43.4049, 27.0805, 41.4674
YIQ	141.3820, 56.5680, 54.1360

Conversions

Conversions Part 2

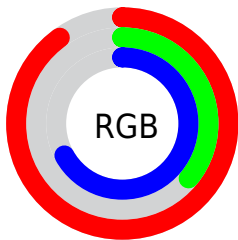
Format	Color
R _Y B	229, 91, 171
Decimal	15031211
CIE Lab	59.05, 61.55, -15.58
CIE LCh	59, 63.492, 345.799
Yxy	27.0805, 0.3877, 0.2419
Android (android.graphics.Color)	4293221291 (0xFFE55BAB)
YUV	141.3820, 14.6017, 76.8410
Hunter-Lab	52.0389, 57.8161, -10.8182

Details

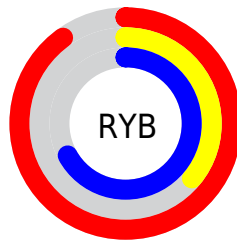
The XYZ color **43.4049, 27.0805, 41.4674** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **37.7600, 60.4336, 38.1117**, and the grayscale version is **25.3974, 26.7201, 29.0981**.

A 20% lighter version of the original color is **65.4012, 47.6184, 77.6958**, and **20.3226, 10.7085, 18.4486** is the 20% darker color. If you saturate the color by 10%, you get **40.8531, 23.3918, 36.2539**, and if you desaturate by 10%, it is **46.6223, 31.9928, 47.2329**.

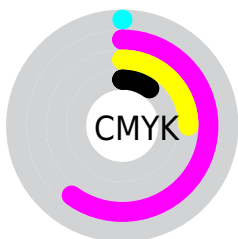
Distribution



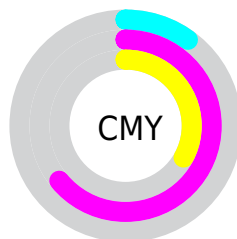
- Red (90%)
- Green (36%)
- Blue (67%)



- Red (90%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4049, 27.0805, 41.4674 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 43.4049, 27.0805, 41.4674 by changing the saturation by 10% instead.


 43.4049, 27.0805,
41.4674


 43.4049, 27.0805,
41.4674

351.1676,
288.0467, 368.0047


 30.3988, 17.6337,
28.3620


 79.5734, 55.0130,
78.6543


 20.2911, 10.6873,
18.3573


 103.4666, 74.2675,
103.5729

 12.7163, 5.8570,
11.0347


 131.7195, 97.5600,
133.2663

 7.3091, 2.7583,
5.9757

 164.6975,
125.2750, 168.1531

 3.7042, 1.0069,
2.7618

202.7660,
157.7967, 208.6518

 1.5362, 0.0000,
0.9743

246.2902,

 0.3503, 0.0000,

195.5096, 255.1809

0.0000

295.6357,
238.7982, 308.1590

■ 0.0000, 0.0000,
0.0000

■ 43.4049, 27.0805,
41.4674

■ 43.4049, 27.0805,
41.4674

■ 40.8531, 23.3918,
36.2539

■ 46.6223, 31.9928,
47.2329

■ 38.9066, 20.8096,
31.5646

■ 50.5533, 38.2235,
53.5725


■ 37.4979, 19.2005,
27.3701


■ 55.2443, 45.8629,
60.5083


■ 36.5295, 18.3446,
23.7150


■ 60.7367, 54.9918,
68.0607

■ 67.0691, 65.6853,
76.2486

 74.2772, 78.0129,
85.0901

 82.3947, 92.0403,
94.6022

 85.0168, 94.9555,
102.6557

 86.1232, 95.3981,
108.4822

Harmonies

Analogous

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



38.2050, 27.0805, 71.2796



43.4049, 27.0805, 41.4674



43.2500, 27.0805, 19.1768

Triad

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



43.4049, 27.0805, 41.4674



21.8293, 27.0805, 4.3366



16.5529, 27.0805, 72.8331

Complementary

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



43.4049, 27.0805, 41.4674



37.7600, 60.4336, 38.1117

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.



13.7367, 27.0805, 42.9531



43.4049, 27.0805, 41.4674



16.3311, 27.0805, 8.3967

Square

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



43.4049, 27.0805, 41.4674



29.6391, 27.0805, 4.2499



13.6649, 27.0805, 20.0683



22.1973, 27.0805, 94.7553

Rectangle

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



43.4049, 27.0805, 41.4674



40.0924, 27.0805, 10.6866



13.6649, 27.0805, 20.0683



15.2998, 27.0805, 62.8605

Sweetspot

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



43.4057, 27.0819, 41.4679



79.1629, 72.9492, 89.0427



30.1889, 19.4837, 76.2987



16.4672, 14.8139, 18.4262



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.



43.4057, 27.0819, 41.4679



51.5377, 29.0251, 44.9165



38.4785, 25.1110, 15.5215



14.7255, 14.5074, 16.7551



20.9471, 10.5131, 13.8823



1.5941, 0.7953, 1.2688

Inverse Universe

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



43.4057, 27.0819, 41.4679



51.5377, 29.0251, 44.9165



44.9243, 63.2993, 75.8381



14.7255, 14.5074, 16.7551



20.9471, 10.5131, 13.8823



1.5941, 0.7953, 1.2688

Previews

White Background



This preview shows how the XYZ color 43.4049, 27.0805, 41.4674 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 43.4049, 27.0805, 41.4674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

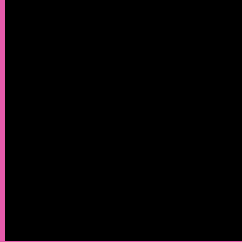
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.4049, 27.0805, 41.4674

Background



This preview shows how black text looks on a background with the XYZ color 43.4049, 27.0805, 41.4674.



This preview shows how white text looks on a background with the XYZ color 43.4049, 27.0805,

41.4674.

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

43.4049, 27.0805, 41.4674

Protanopia

28.5257, 27.3261, 62.8025

Deuteranopia

27.7875, 27.2566, 38.9184



Tritanopia

38.7167, 27.1203, 18.5234

Trichromacy



Original Color

43.4049, 27.0805, 41.4674



Protanomaly

31.1943, 25.2877, 54.2758



Deuteranomaly

31.8391, 25.9392, 39.8879



Tritanomaly

40.1548, 26.9765, 25.2809

Monochromacy



Original Color

43.4049, 27.0805, 41.4674



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

29.9840, 25.3172, 33.0121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4049, 27.0805, 41.4674 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(229, 91, 171)` looks like.

```
.text, #text, p{  
    color:rgb(229, 91, 171)  
}
```

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(229, 91, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 91, 171) }
```

Border

The CSS property to change the border of an element to XYZ 43.4049, 27.0805, 41.4674 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(229, 91, 171) }
```


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

```
.border{ border-color:rgb(229, 91, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 91, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 91, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 91, 171);  
box-shadow:4px 4px 4px 4px rgb(229, 91,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4049, 27.0805, 41.4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 91, 171) }
```

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

```
.background{ background-color: rgb(229, 91,  
171) }
```

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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