

Converting Colors

XYZ(43.2685, 26.4304, 44.4390)

Have a look what the booklet for
XYZ(43.2685, 26.4304, 44.4390)
contains.

XYZ(43.3389, 26.4847, 44.4228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3389, 26.4847,
44.4228)**

Conversions

Conversions Part 1

Format	Color
Hex	E457B1
RGB	228, 87, 177
RGB Percent	89%, 34%, 69%
CMY	0.1059, 0.6588, 0.3059
CMYK	0.00, 0.62, 0.22, 0.11
HSL	322°, 72%, 62%
HSV	322°, 62%, 89%
XYZ	43.3389, 26.4847, 44.4228
YIQ	139.4190, 55.1460, 57.8820

Conversions

Conversions Part 2

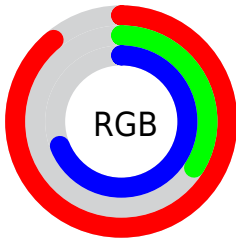
Format	Color
R _Y B	228, 87, 177
Decimal	14964657
CIE Lab	58.49, 63.75, -19.90
CIE LCh	58, 66.780, 342.665
Yxy	26.4847, 0.3793, 0.2318
Android (android.graphics.Color)	4293154737 (0xFFE457B1)
YUV	139.4190, 18.5274, 77.6855
Hunter-Lab	51.4633, 60.2599, -15.1545

Details

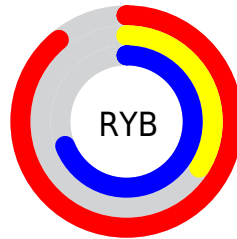
The XYZ color **43.3389, 26.4847, 44.4228** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **36.2627, 59.3488, 33.5919**, and the grayscale version is **24.6191, 25.9013, 28.2065**.

A 20% lighter version of the original color is **65.9212, 47.0897, 82.7056**, and **20.2331, 10.3560, 20.0013** is the 20% darker color. If you saturate the color by 10%, you get **40.9785, 23.0396, 39.7021**, and if you desaturate by 10%, it is **46.3334, 31.1177, 49.6005**.

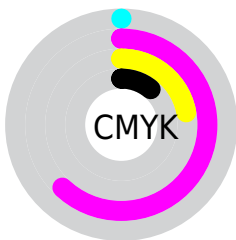
Distribution



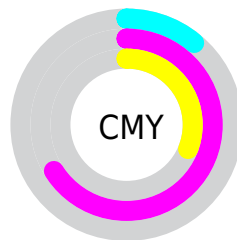
- Red (89%)
- Green (34%)
- Blue (69%)



- Red (89%)
- Yellow (34%)
- Blue (69%)



- Cyan (0%)
- Magenta (62%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3389, 26.4847, 44.4228 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 43.3389, 26.4847, 44.4228 by changing the saturation by 10% instead.

43.3389, 26.4847,
44.4228

43.3389, 26.4847,
44.4228

350.9016,
285.1534, 380.5226

30.3468, 17.1866,
30.6634

79.4746, 54.0559,
83.1628

20.2513, 10.3676,
20.0864

103.3488, 73.0977,
108.9805

12.6872, 5.6434,
12.2731

131.5811, 96.1563,
139.6548

7.2890, 2.6295,
6.8052

164.5369,
123.6159, 175.6040

3.6914, 0.9415,
3.2640

202.5815,
155.8611, 217.2469

1.5291, 0.0000,
1.2309

246.0802,

0.3455, 0.0000,

193.2761, 265.0019

0.0042

295.3985,
236.2454, 319.2876

■ 0.0000, 0.0000,
0.0000

■ 43.3389, 26.4847,
44.4228

■ 43.3389, 26.4847,
44.4228

■ 40.9785, 23.0396,
39.7021

■ 46.3334, 31.1177,
49.6005

■ 39.1917, 20.6641,
35.4132

■ 50.0099, 37.0343,
55.2546


■ 37.9101, 19.2221,
31.5292


■ 54.4145, 44.3248,
61.4048


■ 37.1467, 18.5547,
28.6256


■ 59.5884, 53.0702,
68.0688

■ 65.5694, 63.3454,
75.2632

 72.3931, 75.2198,
83.0035

 80.0926, 88.7587,
91.3046

 83.9294, 94.4838,
98.5906

 85.2032, 94.9933,
105.2982

Harmonies

Analogous

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



37.3878, 26.4847, 76.1696



43.3389, 26.4847, 44.4228



43.8164, 26.4847, 20.0566

Triad

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



43.3389, 26.4847, 44.4228



21.8839, 26.4847, 3.4494



15.3001, 26.4847, 71.3246

Complementary

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



43.3389, 26.4847, 44.4228



36.2627, 59.3488, 33.5919

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.



12.7482, 26.4847, 39.8666



43.3389, 26.4847, 44.4228



15.9585, 26.4847, 6.7959

Square

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



43.3389, 26.4847, 44.4228



30.1485, 26.4847, 3.6849



12.9598, 26.4847, 17.4043



20.7773, 26.4847, 96.6114

Rectangle

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



43.3389, 26.4847, 44.4228



40.8447, 26.4847, 10.7355



12.9598, 26.4847, 17.4043



14.1309, 26.4847, 60.5649

Sweetspot

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



43.3397, 26.4860, 44.4233



78.7995, 71.8101, 90.1924



27.6236, 17.6831, 75.3564



16.4157, 14.6005, 18.7495



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.



43.3397, 26.4860, 44.4233



52.1480, 28.7685, 49.6742



38.1190, 24.3977, 16.9312



14.7623, 14.5221, 16.9485



21.5085, 10.7376, 16.8385



1.6335, 0.8111, 1.4766

Inverse Universe

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



43.3397, 26.4860, 44.4233



52.1480, 28.7685, 49.6742



42.9191, 62.0114, 68.6437



14.7623, 14.5221, 16.9485



21.5085, 10.7376, 16.8385



1.6335, 0.8111, 1.4766

Previews

White Background



This preview shows how the XYZ color 43.3389, 26.4847, 44.4228 looks on a white background.

Color Contrast Check

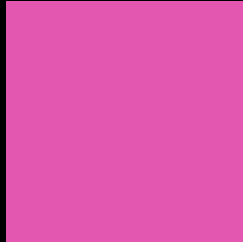
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3389, 26.4847, 44.4228 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 43.3389, 26.4847, 44.4228

Background



This preview shows how black text looks on a background with the XYZ color 43.3389, 26.4847, 44.4228.



This preview shows how white text looks on a background with the XYZ color 43.3389, 26.4847,

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

43.3389, 26.4847, 44.4228

Protanopia

28.5667, 27.0005, 68.6717

Deuteranopia

27.2344, 26.7043, 41.2551



Tritanopia

37.7889, 26.3559, 17.8473

Trichromacy



Original Color

43.3389, 26.4847, 44.4228



Protanomaly

30.8947, 24.6658, 59.0098



Deuteranomaly

31.2768, 25.0564, 42.2176



Tritanomaly

39.3182, 26.1179, 25.5232

Monochromacy



Original Color

43.3389, 26.4847, 44.4228



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

29.2608, 24.3908, 33.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3389, 26.4847, 44.4228 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(228, 87, 177)` looks like.

```
.text, #text, p{  
    color:rgb(228, 87, 177)  
}
```

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(228, 87, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 87, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.3389, 26.4847, 44.4228 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(228, 87, 177) }
```


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

```
.border{ border-color:rgb(228, 87, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 87, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 87, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 87, 177);  
box-shadow:4px 4px 4px 4px rgb(228, 87,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3389, 26.4847, 44.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 87, 177) }
```

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

```
.background{ background-color: rgb(228, 87,  
177) }
```

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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