

Converting Colors

XYZ(43.0528, 22.7269, 44.1781)

Have a look what the booklet for
XYZ(43.0528, 22.7269, 44.1781)
contains.

XYZ(42.9446, 22.6608, 44.2300)	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(42.9446, 22.6608,
44.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2EB2
RGB	234, 46, 178
RGB Percent	92%, 18%, 70%
CMY	0.0824, 0.8196, 0.3020
CMYK	0.00, 0.80, 0.24, 0.08
HSL	318°, 82%, 55%
HSV	318°, 80%, 92%
XYZ	42.9446, 22.6608, 44.2300
YIQ	117.2600, 69.6760, 80.9080

Conversions

Conversions Part 2

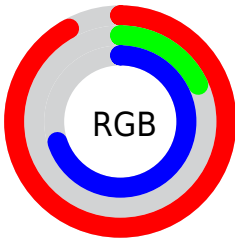
Format	Color
RYB	234, 46, 178
Decimal	15347378
CIELab	54.72, 78.84, -26.19
CIELCh	55, 83.075, 341.625
Yxy	22.6608, 0.3910, 0.2063
Android (android.graphics.Color)	4293537458 (0xFFEA2EB2)
YUV	117.2600, 29.9448, 102.3810
Hunter-Lab	47.6034, 77.7250, -21.7661

Details

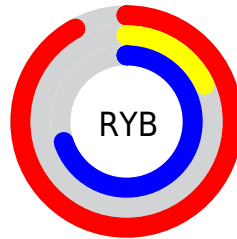
The XYZ color **42.9446, 22.6608, 44.2300** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **32.9493, 60.3867, 22.4933**, and the grayscale version is **16.8862, 17.7656, 19.3467**.

A 20% lighter version of the original color is **62.1086, 39.2351, 82.1416**, and **20.9353, 10.3649, 20.2993** is the 20% darker color. If you saturate the color by 10%, you get **41.5842, 21.0315, 40.4106**, and if you desaturate by 10%, it is **44.8395, 25.3015, 48.4033**.

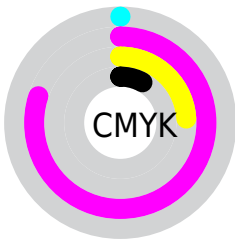
Distribution



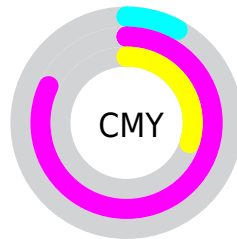
- Red (92%)
- Green (18%)
- Blue (70%)



- Red (92%)
- Yellow (18%)
- Blue (70%)



- Cyan (0%)
- Magenta (80%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (82%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9446, 22.6608, 44.2300 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 42.9446, 22.6608, 44.2300 by changing the saturation by 10% instead.


 42.9446, 22.6608,
44.2300


 42.9446, 22.6608,
44.2300


349.3093,
265.9780, 379.7148


 30.0360, 14.3432,
30.5128


 78.8835, 47.8358,
82.8699


 20.0141, 8.3598,
19.9728


 102.6445, 65.4620,
108.6297


 12.5136, 4.3260,
12.1914


 130.7536, 86.9598,
139.2408

 7.1692, 1.8576,
6.7501

 163.5763,
112.7137, 175.1218

 3.6154, 0.5227,
3.2302

 201.4778,
143.1081, 216.6911

 1.4869, 0.0000,
1.2134

244.8236,

 0.3169, 0.0000,

178.5274, 264.3674

0.0000

293.9790,
219.3559, 318.5691

■ 0.0000, 0.0000,
0.0000

■ 42.9446, 22.6608,
44.2300

■ 42.9446, 22.6608,
44.2300

■ 41.5842, 21.0315,
40.4106

■ 44.8395, 25.3015,
48.4033


■ 40.6592, 20.1835,
37.0136


■ 47.3379, 29.0919,
52.9557


■ 50.5007, 34.1523,
57.9100


■ 54.3801, 40.5868,
63.2862

■ 59.0234, 48.4888,
69.1022

 64.4733, 57.9433,
75.3747

 70.7697, 69.0290,
82.1193

 77.9493, 81.8191,
89.3504

 85.5298, 95.3477,
96.9095

Harmonies

Analogous

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



35.4808, 22.6608, 84.8298



42.9446, 22.6608, 44.2300



43.8002, 22.6608, 15.8426

Triad

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



42.9446, 22.6608, 44.2300



18.1812, 22.6608, 0.9072



10.8748, 22.6608, 75.6213

Complementary

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



42.9446, 22.6608, 44.2300



32.9493, 60.3867, 22.4933

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.



8.4848, 22.6608, 36.2954



42.9446, 22.6608, 44.2300



11.8310, 22.6608, 2.9156

Square

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



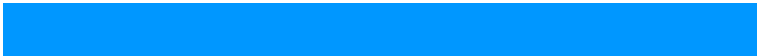
42.9446, 22.6608, 44.2300



27.5799, 22.6608, 1.0892



8.7764, 22.6608, 11.9461



16.4507, 22.6608, 110.1492

Rectangle

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



42.9446, 22.6608, 44.2300



40.2812, 22.6608, 6.5517



8.7764, 22.6608, 11.9461



9.7545, 22.6608, 61.6907

Sweetspot

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



42.9453, 22.6620, 44.2304



75.7396, 65.8555, 88.6633



21.0048, 10.5639, 78.7743



15.7084, 13.2240, 18.3960



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.



42.9453, 22.6620, 44.2304



49.8020, 24.8619, 46.4707



36.6193, 20.1316, 10.9180



15.5125, 15.2329, 17.9843



22.9061, 11.3651, 21.1048



1.8407, 0.9092, 1.8784

Inverse Universe

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



42.9453, 22.6620, 44.2304



49.8020, 24.8619, 46.4707



40.2061, 63.2894, 60.7073



15.5125, 15.2329, 17.9843



22.9061, 11.3651, 21.1048



1.8407, 0.9092, 1.8784

Previews

White Background



This preview shows how the XYZ color 42.9446, 22.6608, 44.2300 looks on a white background.

Color Contrast Check

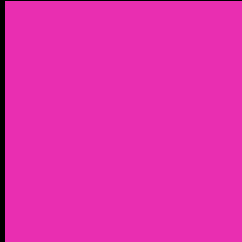
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9446, 22.6608, 44.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

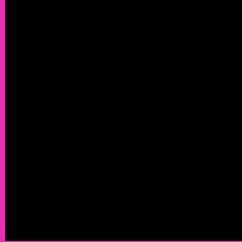
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.9446, 22.6608, 44.2300

Background



This preview shows how black text looks on a background with the XYZ color 42.9446, 22.6608, 44.2300.



This preview shows how white text looks on a background with the XYZ color 42.9446, 22.6608,

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

42.9446, 22.6608, 44.2300

Protanopia

26.4980, 23.2851, 86.3170

Deuteranopia

23.3756, 22.8876, 40.2315



Tritanopia

35.8724, 22.5619, 11.0585

Trichromacy



Original Color

42.9446, 22.6608, 44.2300



Protanomaly

26.6954, 18.7839, 68.5483



Deuteranomaly

27.4253, 19.9016, 41.4256



Tritanomaly

37.7100, 22.1242, 19.7356

Monochromacy



Original Color

42.9446, 22.6608, 44.2300



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

22.8985, 16.8198, 26.4658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9446, 22.6608, 44.2300 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(234, 46, 178)` looks like.

```
.text, #text, p{  
    color:rgb(234, 46, 178)  
}
```

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(234, 46, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 46, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.9446, 22.6608, 44.2300 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(234, 46, 178) }
```


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

```
.border{ border-color:rgb(234, 46, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 46, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 46, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 46, 178);  
box-shadow:4px 4px 4px 4px rgb(234, 46,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9446, 22.6608, 44.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 46, 178) }
```

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

```
.background{ background-color: rgb(234, 46,  
178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor