

Converting Colors

XYZ(44.2824, 29.8100, 45.7997)

Have a look what the booklet for
XYZ(44.2824, 29.8100, 45.7997)
contains.

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Color

**XYZ(44.1389, 29.7868,
45.5425)**

Conversions

Conversions Part 1

Format	Color
Hex	E06CB2
RGB	224, 108, 178
RGB Percent	88%, 42%, 70%
CMY	0.1216, 0.5764, 0.3020
CMYK	0.00, 0.52, 0.21, 0.12
HSL	324°, 65%, 65%
HSV	324°, 52%, 88%
XYZ	44.1389, 29.7868, 45.5425
YIQ	150.6640, 46.6660, 46.3620

Conversions

Conversions Part 2

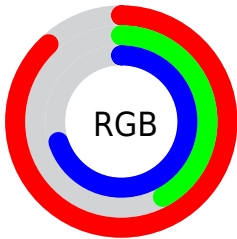
Format	Color
R _Y B	224, 108, 178
Decimal	14707890
CIE Lab	61.47, 53.27, -16.00
CIE LCh	61, 55.626, 343.281
Yxy	29.7868, 0.3695, 0.2493
Android (android.graphics.Color)	4292897970 (0xFFE06CB2)
YUV	150.6640, 13.4766, 64.3157
Hunter-Lab	54.5773, 48.8501, -11.2710

Details

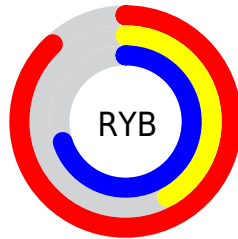
The XYZ color **44.1389, 29.7868, 45.5425** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.6742, 58.8334, 39.8923**, and the grayscale version is **29.2033, 30.7242, 33.4586**.

A 20% lighter version of the original color is **69.1885, 53.3949, 84.5015**, and **20.7007, 12.1339, 20.6531** is the 20% darker color. If you saturate the color by 10%, you get **41.2095, 25.3093, 40.3071**, and if you desaturate by 10%, it is **47.7346, 35.5039, 51.2856**.

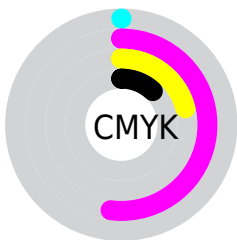
Distribution



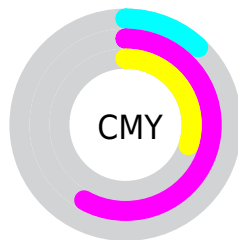
- Red (88%)
- Green (42%)
- Blue (70%)



- Red (88%)
- Yellow (42%)
- Blue (70%)



- Cyan (0%)
- Magenta (52%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1389, 29.7868, 45.5425 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 44.1389, 29.7868, 45.5425 by changing the saturation by 10% instead.

44.1389, 29.7868,
45.5425

44.1389, 29.7868,
45.5425

354.1174,
300.9094, 385.1903

30.9781, 19.6768,
31.5389

80.6718, 59.3249,
84.8609

20.7339, 12.1603,
20.7476

104.7745, 79.5217,
111.0129

13.0410, 6.8530,
12.7502

133.2554,
103.8497, 142.0513

7.5340, 3.3703,
7.1281

166.4796,
132.6931, 178.3948

3.8475, 1.3280,
3.4627

204.8125,
166.4364, 220.4619

1.6162, 0.1627,
1.3355

248.6196,

0.4030, 0.0000,

205.4639, 268.6712

0.0906

298.2661,
250.1601, 323.4411

■ 0.0000, 0.0000,
0.0000

■ 44.1389, 29.7868,
45.5425

■ 44.1389, 29.7868,
45.5425

■ 41.2095, 25.3093,
40.3071

■ 47.7346, 35.5039,
51.2856

■ 38.8952, 21.9716,
35.5561

■ 52.0375, 42.5415,
57.5543

■ 37.1413, 19.6657,
31.2661


■ 57.0881, 50.9787,
64.3675


■ 35.8812, 18.2603,
27.4091


■ 62.9230, 60.8872,
71.7424


■ 35.1256, 17.6014,
24.5299

■ 69.5763, 72.3336,
79.6951

 77.0802, 85.3806,
88.2411

 82.2560, 93.6695,
96.3254

 83.6098, 94.2111,
103.4546

 84.5506, 94.5874,
108.4086

Harmonies

Analogous

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



39.1614, 29.7868, 71.7799



44.1389, 29.7868, 45.5425



44.4350, 29.7868, 23.9865

Triad

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



44.1389, 29.7868, 45.5425



25.1840, 29.7868, 6.8207



19.2098, 29.7868, 68.8991

Complementary

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



44.1389, 29.7868, 45.5425



38.6742, 58.8334, 39.8923

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.



16.6530, 29.7868, 42.6601



44.1389, 29.7868, 45.5425



19.6771, 29.7868, 10.9732

Square

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



44.1389, 29.7868, 45.5425



32.5800, 29.7868, 7.0457



16.8078, 29.7868, 22.1163



24.4330, 29.7868, 88.7772

Rectangle

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



44.1389, 29.7868, 45.5425



41.8634, 29.7868, 14.8917



16.8078, 29.7868, 22.1163



18.0540, 29.7868, 60.1366

Sweetspot

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



44.1398, 29.7882, 45.5431



80.8906, 75.6758, 91.8654



31.8551, 22.8293, 73.2489



16.9684, 15.6113, 19.2252



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.



44.1398, 29.7882, 45.5431



55.0534, 33.6101, 53.6306



39.5882, 27.9676, 21.5748



14.0528, 13.8388, 16.0483



20.5037, 10.2685, 14.5843



1.4650, 0.7293, 1.2413

Inverse Universe

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



44.1398, 29.7882, 45.5431



55.0534, 33.6101, 53.6306



44.5322, 61.1766, 70.7400



14.0528, 13.8388, 16.0483



20.5037, 10.2685, 14.5843



1.4650, 0.7293, 1.2413

Previews

White Background



This preview shows how the XYZ color 44.1389, 29.7868, 45.5425 looks on a white background.

Color Contrast Check

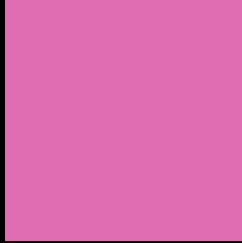
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1389, 29.7868, 45.5425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

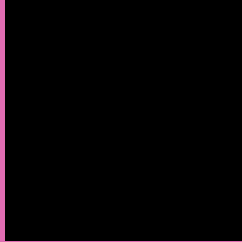
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.1389, 29.7868, 45.5425

Background



This preview shows how black text looks on a background with the XYZ color 44.1389, 29.7868, 45.5425.



This preview shows how white text looks on a background with the XYZ color 44.1389, 29.7868,

45.5425.

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

44.1389, 29.7868, 45.5425

Protanopia

30.9344, 30.1490, 62.5814

Deuteranopia

30.5207, 29.9048, 43.1933



Tritanopia

39.6410, 29.7860, 23.7386

Trichromacy



Original Color

44.1389, 29.7868, 45.5425



Protanomaly

33.8684, 28.7599, 55.9907



Deuteranomaly

34.2513, 29.0235, 43.8413



Tritanomaly

41.1378, 29.7089, 30.7603

Monochromacy



Original Color

44.1389, 29.7868, 45.5425



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

33.4571, 29.3661, 37.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1389, 29.7868, 45.5425 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(224, 108, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 108, 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(224, 108, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 108, 178) }
```

Border

The CSS property to change the border of an element to XYZ 44.1389, 29.7868, 45.5425 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(224, 108, 178) }
```


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

```
.border{ border-color:rgb(224, 108, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 108, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 108, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 108, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 108,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1389, 29.7868, 45.5425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 108, 178) }
```

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

```
.background{ background-color: rgb(224,  
108, 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](#).

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