

Converting Colors

XYZ(44.1559, 23.6654, 42.7131)

Have a look what the booklet for
XYZ(44.1559, 23.6654, 42.7131)
contains.

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Color

**XYZ(44.2258, 23.7283,
42.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	EE34AF
RGB	238, 52, 175
RGB Percent	93%, 20%, 69%
CMY	0.0667, 0.7960, 0.3137
CMYK	0.00, 0.78, 0.26, 0.07
HSL	320°, 85%, 57%
HSV	320°, 78%, 93%
XYZ	44.2258, 23.7283, 42.8065
YIQ	121.6360, 71.3730, 77.6850

Conversions

Conversions Part 2

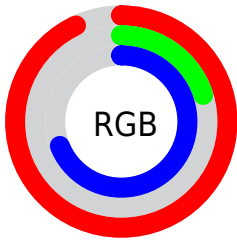
Format	Color
R _Y B	238, 52, 175
Decimal	15611055
CIE Lab	55.81, 77.90, -22.70
CIE LCh	56, 81.143, 343.758
Yxy	23.7283, 0.3993, 0.2142
Android (android.graphics.Color)	4293801135 (0xFFEE34AF)
YUV	121.6360, 26.3085, 102.0512
Hunter-Lab	48.7117, 76.8163, -18.0042

Details

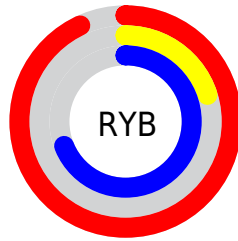
The XYZ color **44.2258, 23.7283, 42.8065** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **35.0868, 63.1179, 26.5574**, and the grayscale version is **18.2831, 19.2352, 20.9472**.

A 20% lighter version of the original color is **62.1422, 39.9864, 80.0442**, and **21.6443, 10.7523, 19.3470** is the 20% darker color. If you saturate the color by 10%, you get **42.6498, 21.8056, 38.4904**, and if you desaturate by 10%, it is **46.3854, 26.7419, 47.5507**.

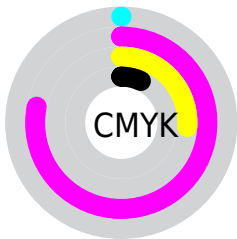
Distribution



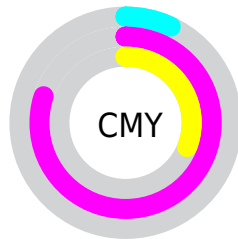
- Red (93%)
- Green (20%)
- Blue (69%)



- Red (93%)
- Yellow (20%)
- Blue (69%)



- Cyan (0%)
- Magenta (78%)
- Yellow (26%)
- Black (7%)




- Cyan (7%)
- Magenta (80%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2258, 23.7283, 42.8065 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 44.2258, 23.7283, 42.8065 by changing the saturation by 10% instead.

 44.2258, 23.7283,
42.8065


 44.2258, 23.7283,
42.8065

354.4656,
271.4440, 373.7132

 31.0467, 15.1322,
29.4030

 80.8017, 49.5865,
80.7020

 20.7864, 8.9122,
19.1377


 104.9292, 67.6173,
106.0311


 13.0796, 4.6840,
11.5920


 133.4368, 89.5619,
136.1726

 7.5607, 2.0631,
6.3474

 166.6901,
115.8045, 171.5448

 3.8646, 0.6437,
2.9853

 205.0542,
146.7296, 212.5665

 1.6258, 0.0000,
1.0871

248.8946,

 0.4092, 0.0000,

182.7217, 259.6561

0.0000

298.5766,
224.1650, 313.2321

■ 0.0000, 0.0000,
0.0000

■ 44.2258, 23.7283,
42.8065

■ 44.2258, 23.7283,
42.8065

■ 42.6498, 21.8056,
38.4904

■ 46.3854, 26.7419,
47.5507

■ 41.5553, 20.7720,
34.5640


■ 49.1979, 30.9846,
52.7495


■ 41.3785, 20.6246,
33.8695


■ 52.7248, 36.5781,
58.4275


■ 57.0198, 43.6282,
64.6063

■ 62.1311, 52.2304,
71.3057

 68.1029, 62.4717,
78.5439

 74.9760, 74.4329,
86.3381

 82.7888, 88.1893,
94.7044

 87.8947, 96.4471,
102.4308

Harmonies

Analogous

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



37.1774, 23.7283, 82.6279



44.2258, 23.7283, 42.8065



44.5384, 23.7283, 15.5414

Triad

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



44.2258, 23.7283, 42.8065



18.5927, 23.7283, 1.2406



12.0153, 23.7283, 79.2928

Complementary

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



44.2258, 23.7283, 42.8065



35.0868, 63.1179, 26.5574

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.



9.3401, 23.7283, 39.8959



44.2258, 23.7283, 42.8065



12.3763, 23.7283, 3.7744

Square

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



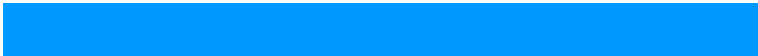
44.2258, 23.7283, 42.8065



27.8864, 23.7283, 1.3174



9.4511, 23.7283, 14.0740



17.9471, 23.7283, 111.7203

Rectangle

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



44.2258, 23.7283, 42.8065



40.7455, 23.7283, 6.6417



9.4511, 23.7283, 14.0740



10.7877, 23.7283, 65.5872

Sweetspot

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



44.2265, 23.7296, 42.8069



76.0736, 66.9038, 87.6025



23.6019, 12.2083, 82.0018



15.7549, 13.4174, 18.1022



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.



44.2265, 23.7296, 42.8069



49.0361, 24.6586, 42.1202



38.0504, 21.2591, 10.2838



16.2135, 15.9351, 18.6803



23.1478, 11.5315, 19.2266



1.9719, 0.9778, 1.8431

Inverse Universe

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



44.2265, 23.7296, 42.8069



49.0361, 24.6586, 42.1202



43.2543, 66.3849, 69.5670



16.2135, 15.9351, 18.6803



23.1478, 11.5315, 19.2266



1.9719, 0.9778, 1.8431

Previews

White Background



This preview shows how the XYZ color 44.2258, 23.7283, 42.8065 looks on a white background.

Color Contrast Check

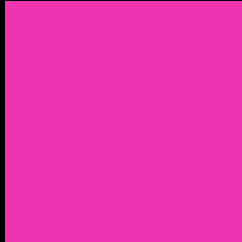
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.2258, 23.7283, 42.8065 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 44.2258, 23.7283, 42.8065

Background



This preview shows how black text looks on a background with the XYZ color 44.2258, 23.7283, 42.8065.



This preview shows how white text looks on a background with the XYZ color 44.2258, 23.7283,

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

44.2258, 23.7283, 42.8065

Protanopia

26.9921, 24.2478, 81.0996

Deuteranopia

24.4236, 23.8547, 38.9145



Tritanopia

37.6926, 23.7116, 11.6070

Trichromacy



Original Color

44.2258, 23.7283, 42.8065



Protanomaly

28.0893, 20.1465, 65.3590



Deuteranomaly

28.7074, 21.0252, 40.0813



Tritanomaly

39.5147, 23.3308, 19.8734

Monochromacy



Original Color

44.2258, 23.7283, 42.8065



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

24.3923, 18.3650, 27.4585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2258, 23.7283, 42.8065 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(238, 52, 175)` looks like.

```
.text, #text, p{  
    color:rgb(238, 52, 175)  
}
```

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(238, 52, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 52, 175) }
```

Border

The CSS property to change the border of an element to XYZ 44.2258, 23.7283, 42.8065 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(238, 52, 175) }
```


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

```
.border{ border-color:rgb(238, 52, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 52, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 52, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 52, 175);  
box-shadow:4px 4px 4px 4px rgb(238, 52,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2258, 23.7283, 42.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 52, 175) }
```

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

```
.background{ background-color: rgb(238, 52,  
175) }
```

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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