

Converting Colors

XYZ(45.1221, 28.8170, 44.0226)

Have a look what the booklet for
XYZ(45.1221, 28.8170, 44.0226)
contains.

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Color

**XYZ(45.1592, 28.8589,
44.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	E762B0
RGB	231, 98, 176
RGB Percent	91%, 38%, 69%
CMY	0.0941, 0.6157, 0.3098
CMYK	0.00, 0.58, 0.24, 0.09
HSL	325°, 73%, 65%
HSV	325°, 58%, 91%
XYZ	45.1592, 28.8589, 44.2645
YIQ	146.6590, 54.2300, 52.4540

Conversions

Conversions Part 2

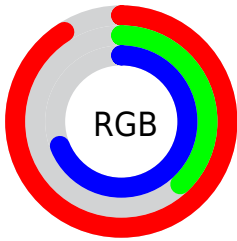
Format	Color
R _Y B	231, 98, 176
Decimal	15164080
CIE Lab	60.66, 59.74, -15.99
CIE LCh	61, 61.843, 345.013
Yxy	28.8589, 0.3818, 0.2440
Android (android.graphics.Color)	4293354160 (0xFFE762B0)
YUV	146.6590, 14.4651, 73.9671
Hunter-Lab	53.7205, 56.0421, -11.2493

Details

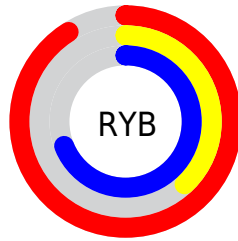
The XYZ color **45.1592, 28.8589, 44.2645** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **39.3642, 62.0494, 40.0421**, and the grayscale version is **27.5202, 28.9534, 31.5302**.

A 20% lighter version of the original color is **67.3611, 50.1974, 82.4827**, and **21.3139, 11.6518, 19.8645** is the 20% darker color. If you saturate the color by 10%, you get **42.3890, 24.7782, 38.8405**, and if you desaturate by 10%, it is **48.6211, 34.2161, 50.2478**.

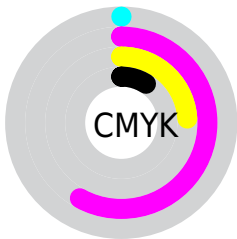
Distribution



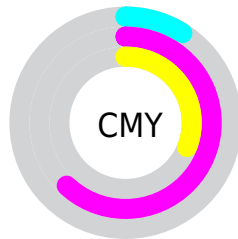
- Red (91%)
- Green (38%)
- Blue (69%)



- Red (91%)
- Yellow (38%)
- Blue (69%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1592, 28.8589, 44.2645 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 45.1592, 28.8589, 44.2645 by changing the saturation by 10% instead.


 45.1592, 28.8589,
44.2645

 45.1592, 28.8589,
44.2645

358.1908,
296.5486, 379.8594


 31.7847, 18.9741,
30.5398


 82.1949, 57.8528,
82.9223

 21.3518, 11.6516,
19.9931


 106.5867, 77.7308,
108.6925

 13.4953, 6.5069,
12.2060


 135.3816,
101.7085, 139.3149

 7.8499, 3.1557,
6.7599

 168.9451,
130.1705, 175.2081

 4.0500, 1.2135,
3.2362

207.6423,
163.5011, 216.7906

 1.7305, 0.0727,
1.2165

251.8388,

 0.4752, 0.0000,

202.0847, 264.4810

0.0000

301.8999,
246.3058, 318.6977

■ 0.0000, 0.0000,
0.0000

■ 45.1592, 28.8589,
44.2645

■ 45.1592, 28.8589,
44.2645

■ 42.3890, 24.7782,
38.8405

■ 48.6211, 34.2161,
50.2478

■ 40.2514, 21.8585,
33.9487

■ 52.8223, 40.9434,
56.8120

■ 38.6807, 19.9708,
29.5604

■ 57.8087, 49.1306,
63.9790

■ 37.5882, 18.9396,
25.6390

■ 63.6218, 58.8586,
71.7687

■ 37.3615, 18.7515,
24.7456

■ 70.3001, 70.2024,
80.2001

■ 77.8795, 83.2318,
89.2909

■ 84.8736, 94.9724,
98.5513

■ 86.3534, 95.5643,
106.3439

■ 86.7652, 95.7290,
108.5123

Harmonies

Analogous

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



39.8282, 28.8589, 74.0569



45.1592, 28.8589, 44.2645



45.1566, 28.8589, 21.3253

Triad

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



45.1592, 28.8589, 44.2645



23.6301, 28.8589, 5.1728



17.9186, 28.8589, 74.0828

Complementary

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



45.1592, 28.8589, 44.2645



39.3642, 62.0494, 40.0421

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.



15.0808, 28.8589, 44.2896



45.1592, 28.8589, 44.2645



17.9148, 28.8589, 9.4174

Square

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



45.1592, 28.8589, 44.2645



31.6081, 28.8589, 5.1711



15.0796, 28.8589, 21.3407



23.6364, 28.8589, 96.1917

Rectangle

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



45.1592, 28.8589, 44.2645



42.0761, 28.8589, 12.3007



15.0796, 28.8589, 21.3407



16.6502, 28.8589, 64.1334

Sweetspot

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



45.1601, 28.8603, 44.2650



79.9927, 74.2908, 90.2998



31.5927, 21.1052, 78.0103



16.7866, 15.3365, 18.8911



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.



45.1601, 28.8603, 44.2650



52.5074, 30.2463, 47.4542



40.2097, 26.8802, 18.1967



14.7298, 14.5091, 16.7773



21.0085, 10.5376, 14.2054



1.5984, 0.7971, 1.2918

Inverse Universe

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



45.1601, 28.8603, 44.2650



52.5074, 30.2463, 47.4542



46.2297, 64.7955, 76.1951



14.7298, 14.5091, 16.7773



21.0085, 10.5376, 14.2054



1.5984, 0.7971, 1.2918

Previews

White Background



This preview shows how the XYZ color 45.1592, 28.8589, 44.2645 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 45.1592, 28.8589, 44.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

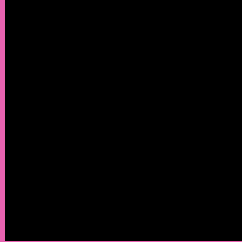
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.1592, 28.8589, 44.2645

Background



This preview shows how black text looks on a background with the XYZ color 45.1592, 28.8589, 44.2645.

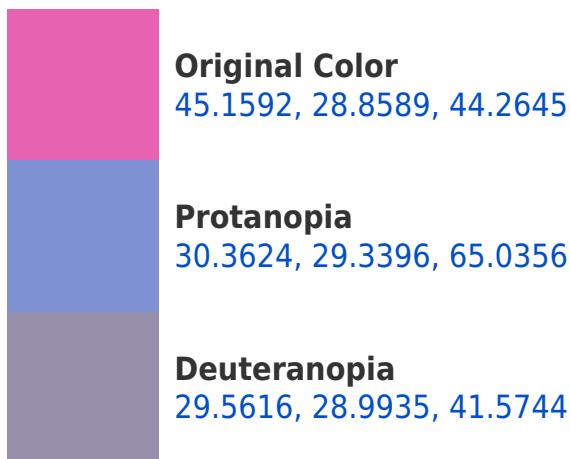


This preview shows how white text looks on a background with the XYZ color 45.1592, 28.8589,

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





Tritanopia

40.3782, 28.8695, 20.8970

Trichromacy



Original Color

45.1592, 28.8589, 44.2645



Protanomaly

33.2221, 27.4081, 56.9654



Deuteranomaly

33.6262, 27.7410, 42.6120



Tritanomaly

41.8826, 28.6955, 28.1423

Monochromacy



Original Color

45.1592, 28.8589, 44.2645



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

32.3819, 27.6341, 35.9750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1592, 28.8589, 44.2645 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(231, 98, 176)` looks like.

```
.text, #text, p{  
    color:rgb(231, 98, 176)  
}
```

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(231, 98, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 98, 176) }
```

Border

The CSS property to change the border of an element to XYZ 45.1592, 28.8589, 44.2645 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(231, 98, 176) }
```


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

```
.border{ border-color:rgb(231, 98, 176) }
```

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

Here you see how a box with a 4 pixel rgb(231, 98, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 98, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 98, 176);  
box-shadow:4px 4px 4px 4px rgb(231, 98,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1592, 28.8589, 44.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 98, 176) }
```

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

```
.background{ background-color: rgb(231, 98,  
176) }
```

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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