

Converting Colors

XYZ(43.8223, 22.1469, 66.8950)

Have a look what the booklet for
XYZ(43.8223, 22.1469, 66.8950)
contains.

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Color

**XYZ(43.7967, 22.1283,
66.9286)**

Conversions

Conversions Part 1

Format	Color
Hex	E025D8
RGB	224, 37, 216
RGB Percent	88%, 15%, 85%
CMY	0.1216, 0.8548, 0.1529
CMYK	0.00, 0.83, 0.04, 0.12
HSL	303°, 75%, 51%
HSV	303°, 83%, 88%
XYZ	43.7967, 22.1283, 66.9286
YIQ	113.3190, 53.9930, 95.3130

Conversions

Conversions Part 2

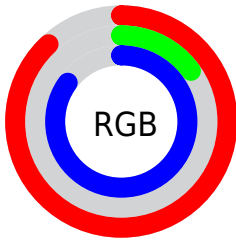
Format	Color
RYB	224, 37, 216
Decimal	14689752
CIELab	54.16, 83.77, -49.08
CIELCh	54, 97.087, 329.633
Yxy	22.1283, 0.3297, 0.1666
Android (android.graphics.Color)	4292879832 (0xFFE025D8)
YUV	113.3190, 50.6217, 97.0672
Hunter-Lab	47.0407, 83.8690, -51.4281

Details

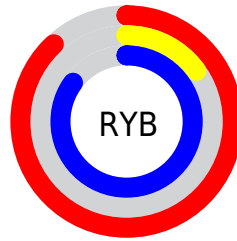
The XYZ color **43.7967, 22.1283, 66.9286** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27.8933, 53.8951, 11.4167**, and the grayscale version is **15.6361, 16.4503, 17.9144**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **21.6550, 10.4306, 34.1297** is the 20% darker color. If you saturate the color by 10%, you get **43.1774, 21.0868, 66.1127**, and if you desaturate by 10%, it is **44.8452, 24.0257, 67.8914**.

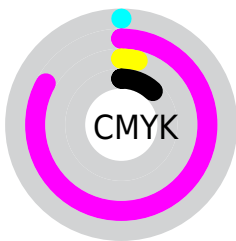
Distribution



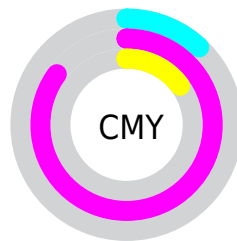
- Red (88%)
- Green (15%)
- Blue (85%)



- Red (88%)
- Yellow (15%)
- Blue (85%)



- Cyan (0%)
- Magenta (83%)
- Yellow (4%)
- Black (12%)





- Cyan (12%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7967, 22.1283, 66.9286 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 43.7967, 22.1283, 66.9286 by changing the saturation by 10% instead.


 43.7967, 22.1283,
66.9286

 43.7967, 22.1283,
66.9286

352.7443,
263.2156, 468.1852

 30.7079, 13.9512,
48.5654

 80.1600, 46.9580,
116.4578

 20.5273, 8.0867,
33.9117


 104.1652, 64.3793,
148.4608


 12.8894, 4.1505,
22.5489

 132.5400, 85.6509,
185.8475

 7.4289, 1.7581,
14.0586

 165.6496,
111.1570, 229.0364

 3.7804, 0.4609,
8.0222

 203.8595,
141.2822, 278.4461

 1.5787, 0.0000,
4.0212

247.5350,

 0.3785, 0.0000,

176.4107, 334.4951

1.6370

297.0415,
216.9270, 397.6019

■ 0.0000, 0.0000,
0.3170

■ 0.0000, 0.0000,
0.0000

■ 43.7967, 22.1283,
66.9286

■ 43.7967, 22.1283,
66.9286

■ 43.1774, 21.0868,
66.1127

■ 44.8452, 24.0257,
67.8914

■ 42.9318, 20.7239,
65.6351

■ 46.3882, 26.9116,
69.0225

■ 48.4825, 30.8991,
70.3409

■ 51.1768, 36.0852,
71.8629

■ 54.5140, 42.5562,
73.6029

■ 58.5336, 50.3906,
75.5738

■ 63.2715, 59.6605,
77.7878

■ 68.7612, 70.4329,
80.2560

■ 75.0343, 82.7708,
82.9890

Harmonies

Analogous

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



32.7214, 22.1283, 117.8727



43.7967, 22.1283, 66.9286



48.4858, 22.1283, 24.4676

Triad

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



43.7967, 22.1283, 66.9286



21.1623, 22.1283, 0.0000



7.8817, 22.1283, 65.6645

Complementary

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



43.7967, 22.1283, 66.9286



27.8933, 53.8951, 11.4167

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.



6.5835, 22.1283, 23.7242



43.7967, 22.1283, 66.9286



12.5226, 22.1283, 0.6289

Square

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



43.7967, 22.1283, 66.9286



33.0241, 22.1283, 0.6724



7.9494, 22.1283, 5.0567



12.3642, 22.1283, 116.8048

Rectangle

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



43.7967, 22.1283, 66.9286



46.4604, 22.1283, 9.3862



7.9494, 22.1283, 5.0567



7.1413, 22.1283, 49.3135

Sweetspot

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



43.7976, 22.1293, 66.9290



77.5392, 65.6763, 100.9119



15.1233, 7.2248, 71.1193



16.1774, 13.2398, 21.3954



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.



43.7976, 22.1293, 66.9290



57.5827, 27.7971, 87.9893



35.0583, 18.6336, 20.9087



14.2684, 13.9250, 17.1834



25.0004, 12.0672, 38.2635



1.7409, 0.8396, 2.6942

Inverse Universe

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



43.7976, 22.1293, 66.9290



57.5827, 27.7971, 87.9893



31.9162, 55.5042, 32.6006



14.2684, 13.9250, 17.1834



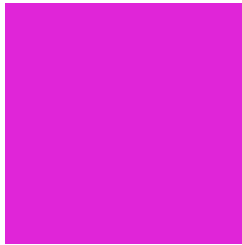
25.0004, 12.0672, 38.2635



1.7409, 0.8396, 2.6942

Previews

White Background



This preview shows how the XYZ color 43.7967, 22.1283, 66.9286 looks on a white background.

Color Contrast Check

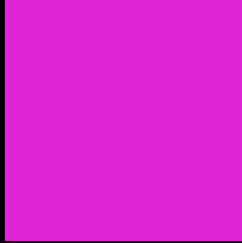
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7967, 22.1283, 66.9286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

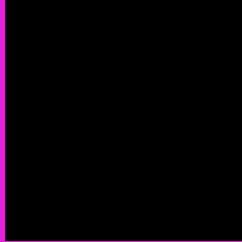
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.7967, 22.1283, 66.9286

Background



This preview shows how black text looks on a background with the XYZ color 43.7967, 22.1283, 66.9286.



This preview shows how white text looks on a background with the XYZ color 43.7967, 22.1283,

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

43.7967, 22.1283, 66.9286

Protanopia

26.7298, 22.7701, 97.5940

Deuteranopia

23.0982, 22.4986, 60.2520



Tritanopia

32.6315, 22.0057, 13.5940

Trichromacy



Original Color

43.7967, 22.1283, 66.9286



Protanomaly

26.5620, 17.8010, 85.2551



Deuteranomaly

26.2155, 18.4088, 61.8460



Tritanomaly

35.3058, 20.9989, 27.0033

Monochromacy



Original Color

43.7967, 22.1283, 66.9286



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

21.8904, 15.4713, 30.6867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7967, 22.1283, 66.9286 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, 37, 216)` looks like.

```
.text, #text, p{  
    color:rgb(224, 37, 216)  
}
```

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, 37, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 37, 216) }
```

Border

The CSS property to change the border of an element to XYZ 43.7967, 22.1283, 66.9286 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, 37, 216) }
```


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

```
.border{ border-color:rgb(224, 37, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 37, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 37, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 37, 216);  
box-shadow:4px 4px 4px 4px rgb(224, 37,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7967, 22.1283, 66.9286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 37, 216) }
```

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

```
.background{ background-color: rgb(224, 37,  
216) }
```

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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