

Converting Colors

XYZ(43.4092, 22.8178, 59.9407)

Have a look what the booklet for
XYZ(43.4092, 22.8178, 59.9407)
contains.

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Color

**XYZ(43.5241, 22.8577,
59.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	E232CD
RGB	226, 50, 205
RGB Percent	89%, 20%, 80%
CMY	0.1137, 0.8039, 0.1961
CMYK	0.00, 0.78, 0.09, 0.11
HSL	307°, 75%, 54%
HSV	307°, 78%, 89%
XYZ	43.5241, 22.8577, 59.8756
YIQ	120.2940, 55.1410, 85.5170

Conversions

Conversions Part 2

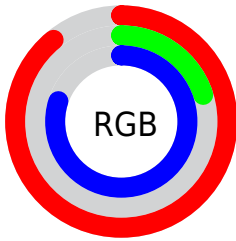
Format	Color
R _{YB}	226, 50, 205
Decimal	14824141
CIE Lab	54.93, 79.68, -41.57
CIE LCh	55, 89.869, 332.448
Yxy	22.8577, 0.3447, 0.1810
Android (android.graphics.Color)	4293014221 (0xFFE232CD)
YUV	120.2940, 41.7601, 92.7042
Hunter-Lab	47.8097, 78.8324, -40.7864

Details

The XYZ color **43.5241, 22.8577, 59.8756** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **29.6503, 55.5268, 15.1181**, and the grayscale version is **17.8065, 18.7338, 20.4011**.

A 20% lighter version of the original color is **65.5354, 40.9708, 99.0618**, and **21.2309, 10.3090, 29.7250** is the 20% darker color. If you saturate the color by 10%, you get **42.4625, 21.2504, 57.9295**, and if you desaturate by 10%, it is **45.0694, 25.4221, 62.0110**.

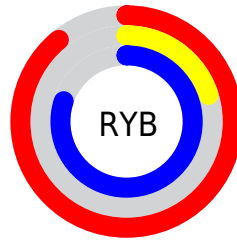
Distribution



Red (89%)

Green (20%)

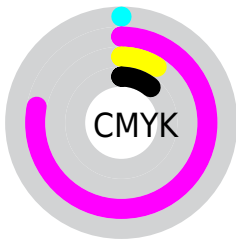
Blue (80%)



Red (89%)

Yellow (20%)

Blue (80%)

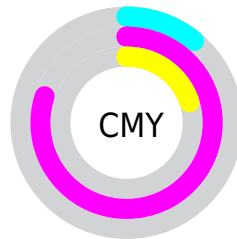


Cyan (0%)

Magenta (78%)

Yellow (9%)

Black (11%)



Cyan (11%)

Magenta (80%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5241, 22.8577, 59.8756 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 43.5241, 22.8577, 59.8756 by changing the saturation by 10% instead.

43.5241, 22.8577,
59.8756

43.5241, 22.8577,
59.8756

351.6478,
266.9933, 441.9310

30.4928, 14.4885,
42.8937

79.7519, 48.1596,
106.1908

20.3629, 8.4612,
29.4710

103.6792, 65.8610,
136.3612

12.7689, 4.3914,
19.1887

131.9693, 87.4419,
171.7649

7.3455, 1.8948,
11.6285

164.9874,
113.2868, 212.8203

3.7273, 0.5453,
6.3718

203.0989,
143.7800, 259.9461

1.5491, 0.0000,
3.0000

246.6693,

0.3589, 0.0000,

179.3058, 313.5608

1.0947

296.0638,
220.2488, 374.0829

■ 0.0000, 0.0000,
0.0000

■ 43.5241, 22.8577,
59.8756

■ 43.5241, 22.8577,
59.8756

■ 42.4625, 21.2504,
57.9295

■ 45.0694, 25.4221,
62.0110

■ 41.7960, 20.4251,
56.1425

■ 47.1576, 29.0641,
64.3550

■ 41.6770, 20.2940,
55.7733

■ 49.8423, 33.8899,
66.9258

■ 53.1698, 39.9922,
69.7389

■ 57.1819, 47.4545,
72.8085

61.9168, 56.3531,
76.1473

67.4098, 66.7588,
79.7674

73.6940, 78.7377,
83.6798

80.8005, 92.3518,
87.8951

Harmonies

Analogous

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



33.7118, 22.8577, 105.8480



43.5241, 22.8577, 59.8756



47.0402, 22.8577, 22.6176

Triad

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



43.5241, 22.8577, 59.8756



20.9176, 22.8577, 0.3434



9.2363, 22.8577, 67.4625

Complementary

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



43.5241, 22.8577, 59.8756



29.6503, 55.5268, 15.1181

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.



7.6550, 22.8577, 27.3058



43.5241, 22.8577, 59.8756



12.9819, 22.8577, 1.3637

Square

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



43.5241, 22.8577, 59.8756



31.8478, 22.8577, 1.0528



8.7814, 22.8577, 7.1572



14.0135, 22.8577, 112.1191

Rectangle

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



43.5241, 22.8577, 59.8756



44.6803, 22.8577, 9.2656



8.7814, 22.8577, 7.1572



8.3930, 22.8577, 52.2699

Sweetspot

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



43.5249, 22.8588, 59.8760



78.0025, 67.6753, 97.7595



17.4338, 9.0955, 72.7891



16.2271, 13.6063, 20.5888



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.



43.5249, 22.8588, 59.8760



55.2778, 27.2173, 74.7970



35.7442, 19.7465, 18.9034



14.2209, 13.9060, 16.9335



23.8057, 11.5893, 31.9724



1.6702, 0.8114, 2.3223

Inverse Universe

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



43.5249, 22.8588, 59.8760



55.2778, 27.2173, 74.7970



34.7305, 57.5589, 41.8706



14.2209, 13.9060, 16.9335



23.8057, 11.5893, 31.9724



1.6702, 0.8114, 2.3223

Previews

White Background



This preview shows how the XYZ color 43.5241, 22.8577, 59.8756 looks on a white background.

Color Contrast Check

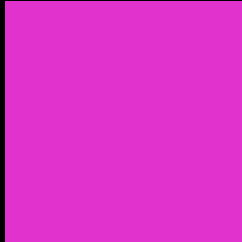
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5241, 22.8577, 59.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

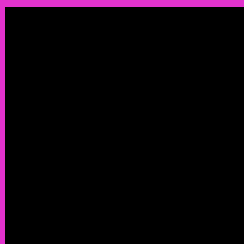
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.5241, 22.8577, 59.8756

Background



This preview shows how black text looks on a background with the XYZ color 43.5241, 22.8577, 59.8756.



This preview shows how white text looks on a background with the XYZ color 43.5241, 22.8577,

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

43.5241, 22.8577, 59.8756

Protanopia

27.4001, 23.4991, 97.6994

Deuteranopia

23.7978, 23.1918, 54.2611



Tritanopia

33.9231, 22.7923, 13.9207

Trichromacy



Original Color

43.5241, 22.8577, 59.8756



Protanomaly

27.3144, 19.0803, 82.3640



Deuteranomaly

27.5221, 20.0640, 55.8482



Tritanomaly

36.2418, 22.0065, 25.6301

Monochromacy



Original Color

43.5241, 22.8577, 59.8756



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

23.9762, 17.7897, 31.4482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5241, 22.8577, 59.8756 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(226, 50, 205)` looks like.

```
.text, #text, p{  
    color:rgb(226, 50, 205)  
}
```

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(226, 50, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 50, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.5241, 22.8577, 59.8756 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(226, 50, 205) }
```


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

```
.border{ border-color:rgb(226, 50, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 50, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 50, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 50, 205);  
box-shadow:4px 4px 4px 4px rgb(226, 50,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5241, 22.8577, 59.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 50, 205) }
```

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

```
.background{ background-color: rgb(226, 50,  
205) }
```

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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