

Converting Colors

XYZ(43.2334, 21.8376, 29.0142)

Have a look what the booklet for
XYZ(43.2334, 21.8376, 29.0142)
contains.

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Color

**XYZ(43.2920, 21.8635,
29.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	F60992
RGB	246, 9, 146
RGB Percent	96%, 4%, 57%
CMY	0.0353, 0.9645, 0.4274
CMYK	0.00, 0.96, 0.41, 0.04
HSL	325°, 93%, 50%
HSV	325°, 96%, 96%
XYZ	43.2920, 21.8635, 29.1325
YIQ	95.4810, 97.2750, 92.8510

Conversions

Conversions Part 2

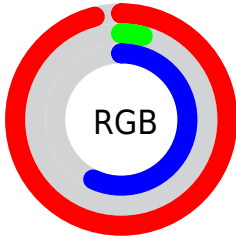
Format	Color
R_{YB}	246, 9, 146
Decimal	16124306
CIE _{Lab}	53.88, 83.49, -8.39
CIE _{LCh}	54, 83.909, 354.262
Yxy	21.8635, 0.4591, 0.2319
Android (android.graphics.Color)	4294314386 (0xFFFF60992)
YUV	95.4810, 24.9059, 132.0052
Hunter-Lab	46.7584, 83.4397, -4.2093

Details

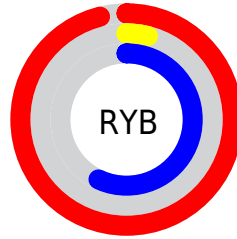
The XYZ color **43.2920, 21.8635, 29.1325** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **35.8325, 67.0752, 25.5424**, and the grayscale version is **10.9260, 11.4950, 12.5181**.

A 20% lighter version of the original color is **56.2225, 34.5445, 58.3481**, and **21.6398, 10.9118, 12.0320** is the 20% darker color. If you saturate the color by 10%, you get **42.9018, 21.5511, 27.5598**, and if you desaturate by 10%, it is **44.6015, 23.1307, 33.7365**.

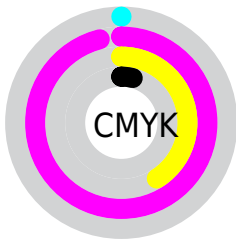
Distribution



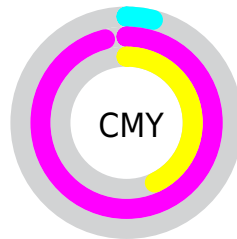
- Red (96%)
- Green (4%)
- Blue (57%)



- Red (96%)
- Yellow (4%)
- Blue (57%)



- Cyan (0%)
- Magenta (96%)
- Yellow (41%)
- Black (4%)





- Cyan (4%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2920, 21.8635, 29.1325 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 43.2920, 21.8635, 29.1325 by changing the saturation by 10% instead.


 43.2920, 21.8635,
29.1325


 43.2920, 21.8635,
29.1325

350.7124,
261.8326, 311.9201


 30.3098, 13.7566,
18.9346


 79.4043, 46.5203,
59.3322


 20.2231, 7.9516,
11.4467


 103.2651, 63.8390,
80.1712


 12.6665, 4.0640,
6.2502


 131.4828, 84.9971,
105.3942

 7.2747, 1.7094,
2.9266

 164.4228,
110.3790, 135.4199

 3.6824, 0.4297,
1.0573

 202.4504,
140.3692, 170.6668

 1.5240, 0.0000,
0.0000

245.9309,

 0.3421, 0.0000,

175.3519, 211.5535

0.0000

295.2298,
215.7115, 258.4984

■ 0.0000, 0.0000,
0.0000

■ 43.2920, 21.8635,
29.1325

■ 43.2920, 21.8635,
29.1325

■ 42.9018, 21.5511,
27.5598

■ 44.6015, 23.1307,
33.7365

■ 46.4854, 25.4263,
38.9031

■ 49.0388, 28.9378,
44.6728

■ 52.3380, 33.8145,
51.0797

■ 56.4479, 40.1842,
58.1538

■ 61.4265, 48.1597,
65.9224

■ 67.3259, 57.8429,
74.4107

■ 74.1940, 69.3274,
83.6424

■ 82.0755, 82.6996,
93.6397

Harmonies

Analogous

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



38.3045, 21.8635, 66.2743



43.2920, 21.8635, 29.1325



40.9745, 21.8635, 8.6590

Triad

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



43.2920, 21.8635, 29.1325



14.4302, 21.8635, 1.1584



12.1981, 21.8635, 91.2976

Complementary

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



43.2920, 21.8635, 29.1325



35.8325, 67.0752, 25.5424

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.



8.6285, 21.8635, 50.6491



43.2920, 21.8635, 29.1325



9.6314, 21.8635, 4.9700

Square

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



43.2920, 21.8635, 29.1325



22.5657, 21.8635, 0.6580



7.8480, 21.8635, 19.1712



19.0922, 21.8635, 115.5046

Rectangle

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



43.2920, 21.8635, 29.1325



35.8639, 21.8635, 3.2316



7.8480, 21.8635, 19.1712



10.6597, 21.8635, 78.1251

Sweetspot

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



43.2926, 21.8648, 29.1328



71.2001, 59.6985, 78.1421



22.8909, 10.0250, 87.9172



14.6531, 11.8149, 15.8822



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.



43.2926, 21.8648, 29.1328



46.5363, 23.3785, 29.8198



38.3236, 19.8772, 2.9665



16.9007, 16.6431, 19.2236



22.9710, 11.5318, 15.0875



2.0702, 1.0340, 1.5961

Inverse Universe

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



43.2926, 21.8648, 29.1328



46.5363, 23.3785, 29.8198



46.8315, 71.4748, 83.4626



16.9007, 16.6431, 19.2236



22.9710, 11.5318, 15.0875



2.0702, 1.0340, 1.5961

Previews

White Background



This preview shows how the XYZ color 43.2920, 21.8635, 29.1325 looks on a white background.

Color Contrast Check

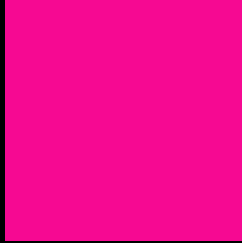
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2920, 21.8635, 29.1325 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 43.2920, 21.8635, 29.1325

Background



This preview shows how black text looks on a background with the XYZ color 43.2920, 21.8635, 29.1325.



This preview shows how white text looks on a background with the XYZ color 43.2920, 21.8635,

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

43.2920, 21.8635, 29.1325

Protanopia

24.1350, 22.3789, 63.3691

Deuteranopia

22.6492, 22.2464, 26.0219



Tritanopia

38.6043, 22.0531, 6.4970

Trichromacy



Original Color

43.2920, 21.8635, 29.1325



Protanomaly

24.9821, 16.5612, 48.3343



Deuteranomaly

26.3439, 17.6343, 26.4414



Tritanomaly

39.6093, 21.3276, 11.9265

Monochromacy



Original Color

43.2920, 21.8635, 29.1325



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

17.6332, 11.4610, 17.2024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2920, 21.8635, 29.1325 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(246, 9, 146)` looks like.

```
.text, #text, p{  
    color:rgb(246, 9, 146)  
}
```

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(246, 9, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 9, 146) }
```

Border

The CSS property to change the border of an element to XYZ 43.2920, 21.8635, 29.1325 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(246, 9, 146) }
```


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

```
.border{ border-color:rgb(246, 9, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 9, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 9, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 9, 146);  
box-shadow:4px 4px 4px 4px rgb(246, 9,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2920, 21.8635, 29.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 9, 146) }
```

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

```
.background{ background-color: rgb(246, 9,  
146) }
```

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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