

Converting Colors

XYZ(43.3170, 21.7721, 27.2650)

Have a look what the booklet for
XYZ(43.3170, 21.7721, 27.2650)
contains.

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Color

**XYZ(43.1655, 21.6972,
27.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	F7008D
RGB	247, 0, 141
RGB Percent	97%, 0%, 55%
CMY	0.0314, 0.9998, 0.4471
CMYK	0.00, 1.00, 0.43, 0.03
HSL	326°, 100%, 48%
HSV	326°, 100%, 97%
XYZ	43.1655, 21.6972, 27.1122
YIQ	89.9270, 101.9510, 96.2150

Conversions

Conversions Part 2

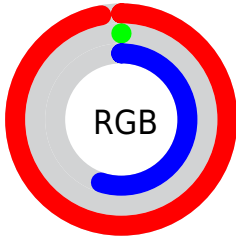
Format	Color
R_{YB}	247, 0, 141
Decimal	16187533
CIE _{Lab}	53.70, 83.88, -5.64
CIE _{LCh}	54, 84.069, 356.150
Yxy	21.6972, 0.4693, 0.2359
Android (android.graphics.Color)	4294377613 (0xFFFF7008D)
YUV	89.9270, 25.1790, 137.7530
Hunter-Lab	46.5803, 83.8989, -1.9038

Details

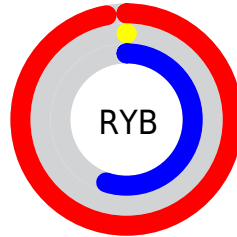
The XYZ color **43.1655, 21.6972, 27.1122** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **35.8659, 67.5636, 24.8017**, and the grayscale version is **9.6383, 10.1402, 11.0427**.

A 20% lighter version of the original color is **55.3453, 33.8904, 54.6634**, and **21.6555, 10.9457, 10.8689** is the 20% darker color. If you saturate the color by 10%, you get **43.1637, 21.6965, 27.1028**, and if you desaturate by 10%, it is **44.3352, 22.7130, 31.5828**.

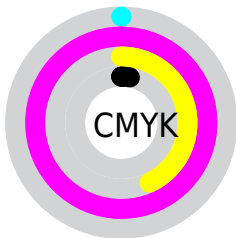
Distribution



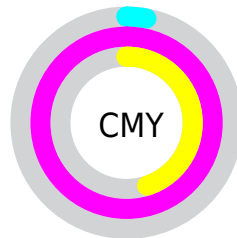
- Red (97%)
- Green (0%)
- Blue (55%)



- Red (97%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1655, 21.6972, 27.1122 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 43.1655, 21.6972, 27.1122 by changing the saturation by 10% instead.


 43.1655, 21.6972,
27.1122


 43.1655, 21.6972,
27.1122


350.2019,
260.9609, 301.9773


 30.2101, 13.6346,
17.4243


 79.2147, 46.2450,
56.0698


 20.1470, 7.8670,
10.3723


 103.0392, 63.4990,
76.1766


 12.6108, 4.0099,
5.5377


 131.2174, 84.5856,
100.5934

 7.2362, 1.6791,
2.5019

 164.1147,
109.8891, 129.7388

 3.6579, 0.4101,
0.8411

 202.0965,
139.7940, 164.0314

 1.5105, 0.0000,
0.0000

245.5280,

 0.3330, 0.0000,

174.6847, 203.8897

0.0000

294.7747,
214.9455, 249.7321

■ 0.0000, 0.0000,
0.0000

■ 43.1655, 21.6972,
27.1122

■ 43.1655, 21.6972,
27.1122

■ 43.1637, 21.6965,
27.1028

■ 44.3352, 22.7130,
31.5828

■ 46.0151, 24.6251,
36.6059

■ 48.3412, 27.7023,
42.2368

■ 51.3960, 32.1066,
48.5121

■ 55.2489, 37.9741,
55.4639

■ 59.9609, 45.4237,
63.1214

■ 65.5866, 54.5620,
71.5110

■ 72.1761, 65.4865,
80.6577

■ 79.7755, 78.2869,
90.5848

Harmonies

Analogous

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



38.5993, 21.6972, 63.3987



43.1655, 21.6972, 27.1122



40.3916, 21.6972, 7.8184

Triad

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



43.1655, 21.6972, 27.1122



13.8952, 21.6972, 1.2169



12.4047, 21.6972, 93.3521

Complementary

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



43.1655, 21.6972, 27.1122



35.8659, 67.5636, 24.8017

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.



8.6595, 21.6972, 52.9035



43.1655, 21.6972, 27.1122



9.3277, 21.6972, 5.3715

Square

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



43.1655, 21.6972, 27.1122



21.8068, 21.6972, 0.6092



7.7237, 21.6972, 20.4496



19.4819, 21.6972, 115.6479

Rectangle

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



43.1655, 21.6972, 27.1122



35.0902, 21.6972, 2.8746



7.7237, 21.6972, 20.4496



10.8043, 21.6972, 80.4477

Sweetspot

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



43.1661, 21.6985, 27.1125



70.4667, 58.5828, 76.8152



22.3768, 9.5972, 88.6687



14.5103, 11.6034, 15.6058



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.



43.1661, 21.6985, 27.1125



46.3928, 23.3211, 29.0640



38.4904, 19.8282, 2.4904



16.8955, 16.6410, 19.1962



22.9005, 11.5036, 14.7162



2.0642, 1.0316, 1.5643

Inverse Universe

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



43.1661, 21.6985, 27.1125



46.3928, 23.3211, 29.0640



47.0468, 72.0360, 83.6797



16.8955, 16.6410, 19.1962



22.9005, 11.5036, 14.7162



2.0642, 1.0316, 1.5643

Previews

White Background



This preview shows how the XYZ color 43.1655, 21.6972, 27.1122 looks on a white background.

Color Contrast Check

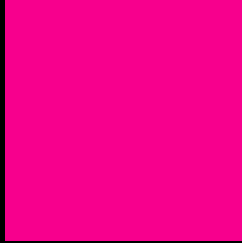
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1655, 21.6972, 27.1122 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 43.1655, 21.6972, 27.1122

Background



This preview shows how black text looks on a background with the XYZ color 43.1655, 21.6972, 27.1122.



This preview shows how white text looks on a background with the XYZ color 43.1655, 21.6972,

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

43.1655, 21.6972, 27.1122

Protanopia

23.8484, 22.3153, 59.5503

Deuteranopia

22.6454, 22.2842, 24.2268



Tritanopia

38.7706, 22.0010, 6.0741

Trichromacy



Original Color

43.1655, 21.6972, 27.1122



Protanomaly

24.6982, 16.1487, 44.9953



Deuteranomaly

25.9941, 17.1619, 24.4968



Tritanomaly

39.7006, 21.1994, 11.2320

Monochromacy



Original Color

43.1655, 21.6972, 27.1122



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.2561, 10.2334, 15.5865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1655, 21.6972, 27.1122 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(247, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 141)  
}
```

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(247, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 141) }
```

Border

The CSS property to change the border of an element to XYZ 43.1655, 21.6972, 27.1122 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(247, 0, 141) }
```


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

```
.border{ border-color:rgb(247, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1655, 21.6972, 27.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 141) }
```

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

```
.background{ background-color: rgb(247, 0,  
141) }
```

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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