

Converting Colors

XYZ(43.2134, 21.7307, 26.7197)

Have a look what the booklet for
XYZ(43.2134, 21.7307, 26.7197)
contains.

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Color

**XYZ(43.0914, 21.6676,
26.7220)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F7008C |
| RGB | 247, 0, 140 |
| RGB Percent | 97%, 0%, 55% |
| CMY | 0.0314, 0.9998, 0.4510 |
| CMYK | 0.00, 1.00, 0.43, 0.03 |
| HSL | 326°, 100%, 48% |
| HSV | 326°, 100%, 97% |
| XYZ | 43.0914, 21.6676, 26.7220 |
| YIQ | 89.8130, 102.2720, 95.9040 |

Conversions

Conversions Part 2

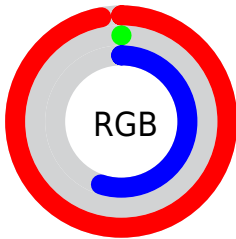
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 247, 0, 140 |
| Decimal | 16187532 |
| CIE Lab | 53.67, 83.80, -5.09 |
| CIE LCh | 54, 83.951, 356.522 |
| Yxy | 21.6676, 0.4710, 0.2369 |
| Android (android.graphics.Color) | 4294377612 (0xFFFF7008C) |
| YUV | 89.8130, 24.7422, 137.8530 |
| Hunter-Lab | 46.5485, 83.7833, -1.4526 |

Details

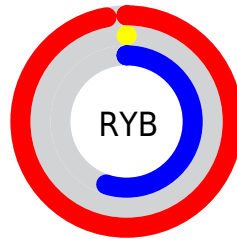
The XYZ color **43.0914, 21.6676, 26.7220** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **35.9184, 67.5846, 25.0781**, and the grayscale version is **9.6141, 10.1148, 11.0150**.

A 20% lighter version of the original color is **55.2333, 33.8456, 54.0738**, and **21.6126, 10.9285, 10.6432** is the 20% darker color. If you saturate the color by 10%, you get **43.0895, 21.6668, 26.7122**, and if you desaturate by 10%, it is **44.2620, 22.6838, 31.1973**.

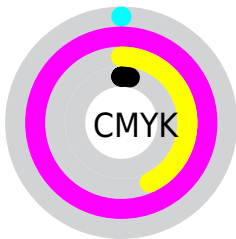
Distribution



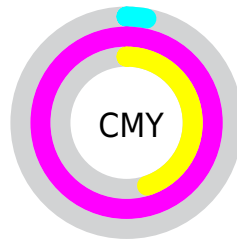
- Red (97%)
- Green (0%)
- Blue (55%)



- 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 43.0914, 21.6676, 26.7220 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 43.0914, 21.6676, 26.7220 by changing the saturation by 10% instead.


 43.0914, 21.6676,
26.7220


 43.0914, 21.6676,
26.7220


349.9027,
260.8055, 300.0260


 30.1517, 13.6129,
17.1340


 79.1036, 46.1960,
55.4357


 20.1024, 7.8519,
10.1671


 102.9068, 63.4384,
75.3985


 12.5782, 4.0003,
5.4028


 131.0619, 84.5122,
99.6566

 7.2137, 1.6737,
2.4227

 163.9342,
109.8018, 128.6286

 3.6436, 0.4066,
0.7987

 201.8890,
139.6915, 162.7330

 1.5026, 0.0000,
0.0000

245.2918,

 0.3276, 0.0000,

174.5658, 202.3884

0.0000

294.5079,
214.8089, 248.0132

■ 0.0000, 0.0000,
0.0000

■ 43.0914, 21.6676,
26.7220

■ 43.0914, 21.6676,
26.7220

■ 43.0895, 21.6668,
26.7122

■ 44.2620, 22.6838,
31.1973

■ 45.9442, 24.5969,
36.2320

■ 48.2739, 27.6756,
41.8816

■ 51.3337, 32.0821,
48.1832

■ 55.1932, 37.9523,
55.1691

■ 59.9132, 45.4052,
62.8686

■ 65.5486, 54.5476,
71.3086

■ 72.1493, 65.4767,
80.5143

■ 79.7617, 78.2824,
90.5092

Harmonies

Analogous

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



38.6203, 21.6676, 62.7470



43.0914, 21.6676, 26.7220



40.2356, 21.6676, 7.6807

Triad

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



43.0914, 21.6676, 26.7220



13.8048, 21.6676, 1.2410



12.4609, 21.6676, 93.5720

Complementary

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



43.0914, 21.6676, 26.7220



35.9184, 67.5846, 25.0781

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.



8.6839, 21.6676, 53.2896



43.0914, 21.6676, 26.7220



9.2865, 21.6676, 5.4743

Square

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



43.0914, 21.6676, 26.7220



21.6600, 21.6676, 0.6112



7.7180, 21.6676, 20.7171



19.5643, 21.6676, 115.4134

Rectangle

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



43.0914, 21.6676, 26.7220



34.9106, 21.6676, 2.8248



7.7180, 21.6676, 20.7171



10.8498, 21.6676, 80.7634

Sweetspot

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



43.0920, 21.6689, 26.7223



70.4251, 58.5662, 76.5962



22.3770, 9.5973, 88.6686



14.5004, 11.5994, 15.5538



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.



43.0920, 21.6689, 26.7223



46.3130, 23.2892, 28.6440



38.4904, 19.8282, 2.4905



16.8926, 16.6399, 19.1808



22.8613, 11.4880, 14.5098



2.0608, 1.0303, 1.5466

Inverse Universe

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



43.0920, 21.6689, 26.7223



46.3130, 23.2892, 28.6440



47.0468, 72.0360, 83.6798



16.8926, 16.6399, 19.1808



22.8613, 11.4880, 14.5098



2.0608, 1.0303, 1.5466

Previews

White Background



This preview shows how the XYZ color 43.0914, 21.6676, 26.7220 looks on a white background.

Color Contrast Check

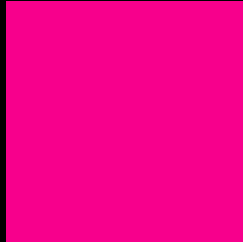
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0914, 21.6676, 26.7220 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 43.0914, 21.6676, 26.7220

Background



This preview shows how black text looks on a background with the XYZ color 43.0914, 21.6676, 26.7220.



This preview shows how white text looks on a background with the XYZ color 43.0914, 21.6676,

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

43.0914, 21.6676, 26.7220

Protanopia

23.7255, 22.2794, 58.3082

Deuteranopia

22.5786, 22.2575, 23.8750



Tritanopia

39.0669, 22.0825, 6.0742

Trichromacy



Original Color

43.0914, 21.6676, 26.7220



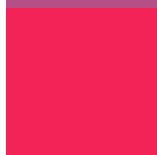
Protanomaly

24.5967, 16.1081, 44.4606



Deuteranomaly

25.9247, 17.1341, 24.1311



Tritanomaly

39.6296, 21.1233, 11.0053

Monochromacy



Original Color

43.0914, 21.6676, 26.7220



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.2025, 10.2120, 15.3045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0914, 21.6676, 26.7220 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, 140)` looks like.

```
.text, #text, p{  
  color:rgb(247, 0, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 43.0914, 21.6676, 26.7220 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, 140) }
```


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

```
.border{ border-color:rgb(247, 0, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0914, 21.6676, 26.7220 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, 140) }
```

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

```
.background{ background-color: rgb(247, 0,  
140) }
```

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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