

Converting Colors

XYZ(43.1997, 22.0576, 32.9543)

Have a look what the booklet for
XYZ(43.1997, 22.0576, 32.9543)
contains.

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Color

**XYZ(43.2052, 22.0745,
32.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	F3189B
RGB	243, 24, 155
RGB Percent	95%, 9%, 61%
CMY	0.0471, 0.9058, 0.3922
CMYK	0.00, 0.90, 0.36, 0.05
HSL	324°, 90%, 52%
HSV	324°, 90%, 95%
XYZ	43.2052, 22.0745, 32.9940
YIQ	104.4150, 88.4730, 87.1690

Conversions

Conversions Part 2

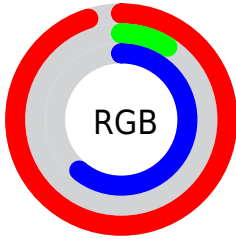
Format	Color
R_{YB}	243, 24, 155
Decimal	15931547
CIE _{Lab}	54.11, 82.27, -13.46
CIE _{LCh}	54, 83.360, 350.706
Yxy	22.0745, 0.4396, 0.2246
Android (android.graphics.Color)	4294121627 (0xFFFF3189B)
YUV	104.4150, 24.9384, 121.5390
Hunter-Lab	46.9835, 81.9243, -8.7477

Details

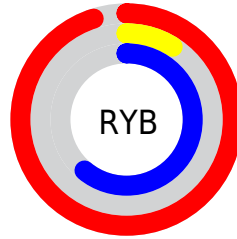
The XYZ color **43.2052, 22.0745, 32.9940** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **35.3542, 65.4663, 26.1105**, and the grayscale version is **13.1920, 13.8790, 15.1142**.

A 20% lighter version of the original color is **57.6989, 35.7641, 64.1837**, and **21.5547, 10.8232, 14.0497** is the 20% darker color. If you saturate the color by 10%, you get **42.0996, 21.1097, 28.7829**, and if you desaturate by 10%, it is **44.8029, 23.9037, 37.7383**.

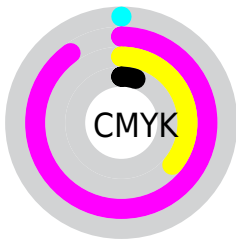
Distribution



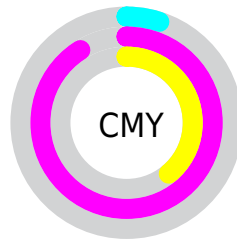
- Red (95%)
- Green (9%)
- Blue (61%)



- Red (95%)
- Yellow (9%)
- Blue (61%)



- Cyan (0%)
- Magenta (90%)
- Yellow (36%)
- Black (5%)





- Cyan (5%)
- Magenta (91%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2052, 22.0745, 32.9940 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 43.2052, 22.0745, 32.9940 by changing the saturation by 10% instead.

 43.2052, 22.0745,
32.9940


 43.2052, 22.0745,
32.9940


350.3622,
262.9351, 330.2539

 30.2414, 13.9117,
21.8508


 79.2742, 46.8691,
65.4821


 20.1708, 8.0592,
13.5500


 103.1101, 64.2696,
87.6640


 12.6283, 4.1329,
7.6732


 131.3007, 85.5182,
114.3625

 7.2483, 1.7482,
3.8018

 164.2114,
110.9992, 145.9963

 3.6656, 0.4546,
1.5173

 202.2076,
141.0969, 182.9837

 1.5147, 0.0000,
0.2307

245.6545,

 0.3358, 0.0000,

176.1959, 225.7435

0.0000

294.9176,
216.6805, 274.6940

■ 0.0000, 0.0000,
0.0000

■ 43.2052, 22.0745,
32.9940

■ 43.2052, 22.0745,
32.9940

■ 42.0996, 21.1097,
28.7829

■ 44.8029, 23.9037,
37.7383

■ 47.0124, 26.8480,
43.0210

■ 49.9133, 31.0642,
48.8762

■ 53.5721, 36.6831,
55.3330

■ 58.0472, 43.8190,
62.4175

63.3907, 52.5745,
70.1538

69.6506, 63.0429,
78.5642

76.8710, 75.3107,
87.6698

85.0930, 89.4584,
97.4902

Harmonies

Analogous

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



37.4920, 22.0745, 71.2851



43.2052, 22.0745, 32.9940



41.7748, 22.0745, 10.3917

Triad

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



43.2052, 22.0745, 32.9940



15.4211, 22.0745, 1.0744



11.7940, 22.0745, 86.7153

Complementary

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



43.2052, 22.0745, 32.9940



35.3542, 65.4663, 26.1105

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.



8.5697, 22.0745, 46.2540



43.2052, 22.0745, 32.9940



10.2080, 22.0745, 4.2948

Square

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



43.2052, 22.0745, 32.9940



23.9121, 22.0745, 0.7705



8.0871, 22.0745, 16.8657



18.3000, 22.0745, 114.0889

Rectangle

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



43.2052, 22.0745, 32.9940



37.0884, 22.0745, 4.0037



8.0871, 22.0745, 16.8657



10.3791, 22.0745, 73.2411

Sweetspot

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



43.2059, 22.0757, 32.9944



72.7414, 62.0054, 81.0469



23.1384, 10.5452, 85.6100



15.0860, 12.4684, 16.6803



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.



43.2059, 22.0757, 32.9944



46.9503, 23.5441, 31.9999



37.7811, 19.9058, 4.4281



16.9153, 16.6490, 19.3003



23.1742, 11.6131, 16.1575



2.0875, 1.0410, 1.6872

Inverse Universe

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



43.2059, 22.0757, 32.9944



46.9503, 23.5441, 31.9999



45.4929, 69.5218, 79.4999



16.9153, 16.6490, 19.3003



23.1742, 11.6131, 16.1575



2.0875, 1.0410, 1.6872

Previews

White Background



This preview shows how the XYZ color 43.2052, 22.0745, 32.9940 looks on a white background.

Color Contrast Check

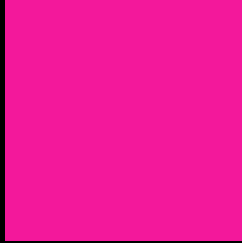
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2052, 22.0745, 32.9940 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 43.2052, 22.0745, 32.9940

Background



This preview shows how black text looks on a background with the XYZ color 43.2052, 22.0745, 32.9940.



This preview shows how white text looks on a background with the XYZ color 43.2052, 22.0745,

32.9940.

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

43.2052, 22.0745, 32.9940

Protanopia

24.7892, 22.5685, 70.0675

Deuteranopia

22.7768, 22.4266, 29.5139



Tritanopia

37.7716, 22.0766, 7.5806

Trichromacy



Original Color

43.2052, 22.0745, 32.9940



Protanomaly

25.6526, 17.5009, 54.2505



Deuteranomaly

26.6807, 18.5644, 30.1940



Tritanomaly

38.9470, 21.4482, 13.8916

Monochromacy



Original Color

43.2052, 22.0745, 32.9940



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

19.6088, 13.4308, 20.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2052, 22.0745, 32.9940 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(243, 24, 155)` looks like.

```
.text, #text, p{  
    color:rgb(243, 24, 155)  
}
```

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(243, 24, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 24, 155) }
```

Border

The CSS property to change the border of an element to XYZ 43.2052, 22.0745, 32.9940 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(243, 24, 155) }
```


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

```
.border{ border-color:rgb(243, 24, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 24, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 24, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 24, 155);  
box-shadow:4px 4px 4px 4px rgb(243, 24,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2052, 22.0745, 32.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 24, 155) }
```

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

```
.background{ background-color: rgb(243, 24,  
155) }
```

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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