

Converting Colors

XYZ(50.4075, 27.2306, 43.1037)

Have a look what the booklet for
XYZ(50.4075, 27.2306, 43.1037)
contains.

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Color

**XYZ(50.4410, 27.2814,
43.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	FF39AF
RGB	255, 57, 175
RGB Percent	100%, 22%, 69%
CMY	0.0000, 0.7764, 0.3137
CMYK	0.00, 0.78, 0.31, 0.00
HSL	324°, 100%, 61%
HSV	324°, 78%, 100%
XYZ	50.4410, 27.2814, 43.1647
YIQ	129.6540, 80.1300, 78.6740

Conversions

Conversions Part 2

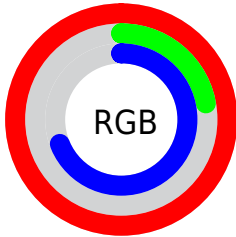
Format	Color
R_{YB}	255, 57, 175
Decimal	16726447
CIE _{Lab}	59.23, 80.53, -17.21
CIE _{LCh}	59, 82.345, 347.938
Yxy	27.2814, 0.4173, 0.2257
Android (android.graphics.Color)	4294916527 (0xFFFF39AF)
YUV	129.6540, 22.3556, 109.9284
Hunter-Lab	52.2316, 80.9754, -12.4357

Details

The XYZ color **50.4410, 27.2814, 43.1647** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **41.9645, 74.1968, 35.7818**, and the grayscale version is **21.0022, 22.0960, 24.0625**.

A 20% lighter version of the original color is **62.7468, 41.1954, 80.2457**, and **25.5052, 12.7426, 19.5276** is the 20% darker color. If you saturate the color by 10%, you get **48.5075, 24.9726, 37.7163**, and if you desaturate by 10%, it is **53.0853, 30.8881, 49.2315**.

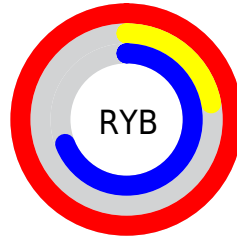
Distribution



Red (100%)

Green (22%)

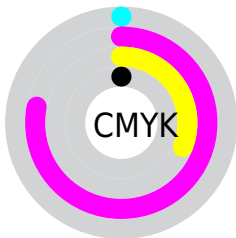
Blue (69%)



Red (100%)

Yellow (22%)

Blue (69%)

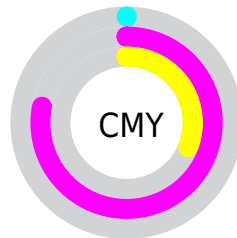


Cyan (0%)

Magenta (78%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4410, 27.2814, 43.1647 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 50.4410, 27.2814, 43.1647 by changing the saturation by 10% instead.

 50.4410, 27.2814,
43.1647

 50.4410, 27.2814,
43.1647


378.8116,
289.0170, 375.2298

 35.9832, 17.7847,
29.6820

 90.0159, 55.3351,
81.2484


 24.5912, 10.7955,
19.3473


 115.8636, 74.6609,
106.6864


 15.8999, 5.9295,
11.7422


 146.2387, 98.0317,
136.9467

 9.5437, 2.8023,
6.4480

 181.5064,
125.8322, 172.4476

 5.1574, 1.0294,
3.0462

 222.0322,
158.4465, 213.6079

 2.3756, 0.0000,
1.1183

268.1815,

 0.8329, 0.0000,

196.2592, 260.8460

0.0000

320.3195,
239.6546, 314.5804

■ 0.0000, 0.0000,
0.0000

■ 50.4410, 27.2814,
43.1647

■ 50.4410, 27.2814,
43.1647

■ 48.5075, 24.9726,
37.7163

■ 53.0853, 30.8881,
49.2315

■ 47.1708, 23.7368,
32.8392

■ 56.5233, 35.9558,
55.9519

■ 46.9044, 23.5258,
31.7585

■ 60.8280, 42.6282,
63.3583

■ 66.0631, 51.0302,
71.4797

■ 72.2863, 61.2746,
80.3427

■ 79.5503, 73.4643,
89.9723

■ 87.9038, 87.6948,
100.3918

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



43.5335, 27.2814, 86.0076



50.4410, 27.2814, 43.1647



49.6288, 27.2814, 15.4663

Triad

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



50.4410, 27.2814, 43.1647



20.3099, 27.2814, 1.8452



14.8203, 27.2814, 94.6083

Complementary

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



50.4410, 27.2814, 43.1647



41.9645, 74.1968, 35.7818

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.



11.3117, 27.2814, 50.7561



50.4410, 27.2814, 43.1647



13.8560, 27.2814, 5.6386

Square

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



50.4410, 27.2814, 43.1647



30.2810, 27.2814, 1.6197



11.0129, 27.2814, 19.3816



22.0174, 27.2814, 126.4785

Rectangle

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



50.4410, 27.2814, 43.1647



44.8373, 27.2814, 6.7329



11.0129, 27.2814, 19.3816



13.2629, 27.2814, 79.8254

Sweetspot

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



50.4417, 27.2828, 43.1652



75.5254, 66.6845, 84.7155



29.7011, 15.3994, 96.0147



15.6217, 13.3641, 17.4010



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.



50.4417, 27.2828, 43.1652



47.7271, 24.1971, 35.0357



44.0368, 24.7209, 9.4372



18.4638, 18.1688, 21.0594



24.5845, 12.3231, 16.9941



2.4478, 1.2215, 1.9397

Inverse Universe

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



50.4417, 27.2828, 43.1652



47.7271, 24.1971, 35.0357



52.4727, 78.4001, 91.1171



18.4638, 18.1688, 21.0594



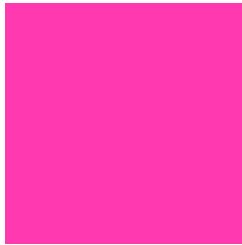
24.5845, 12.3231, 16.9941



2.4478, 1.2215, 1.9397

Previews

White Background



This preview shows how the XYZ color 50.4410, 27.2814, 43.1647 looks on a white background.

Color Contrast Check

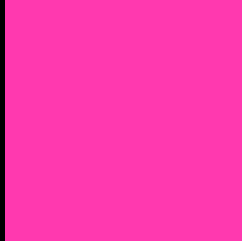
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4410, 27.2814, 43.1647 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 50.4410, 27.2814, 43.1647

Background



This preview shows how black text looks on a background with the XYZ color 50.4410, 27.2814, 43.1647.



This preview shows how white text looks on a background with the XYZ color 50.4410, 27.2814,

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

50.4410, 27.2814, 43.1647

Protanopia

30.0551, 27.6999, 81.6045

Deuteranopia

27.8782, 27.2928, 39.3960



Tritanopia

44.0404, 27.2017, 12.3805

Trichromacy



Original Color

50.4410, 27.2814, 43.1647



Protanomaly

32.0834, 23.4295, 65.7822



Deuteranomaly

32.8798, 24.2410, 40.4821



Tritanomaly

45.6226, 26.7629, 20.5305

Monochromacy



Original Color

50.4410, 27.2814, 43.1647



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

27.7178, 20.8898, 29.7654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4410, 27.2814, 43.1647 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(255, 57, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 175)  
}
```

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(255, 57, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.4410, 27.2814, 43.1647 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(255, 57, 175) }
```


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

```
.border{ border-color:rgb(255, 57, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4410, 27.2814, 43.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 175) }
```

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

```
.background{ background-color: rgb(255, 57,  
175) }
```

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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