

Converting Colors

XYZ(43.8319, 22.8702, 13.8110)

Have a look what the booklet for
XYZ(43.8319, 22.8702, 13.8110)
contains.

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Color

**XYZ(43.8615, 22.8996,
13.9127)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1A63
RGB	255, 26, 99
RGB Percent	100%, 10%, 39%
CMY	0.0000, 0.8979, 0.6118
CMYK	0.00, 0.90, 0.61, 0.00
HSL	341°, 100%, 55%
HSV	341°, 90%, 100%
XYZ	43.8615, 22.8996, 13.9127
YIQ	102.7930, 113.0510, 71.2510

Conversions

Conversions Part 2

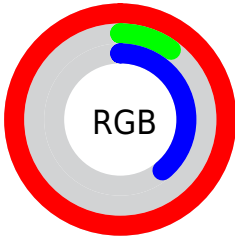
Format	Color
RYB	255, 26, 99
Decimal	16718435
CIELab	54.97, 80.48, 21.62
CIELCh	55, 83.338, 15.039
Yxy	22.8996, 0.5437, 0.2839
Android (android.graphics.Color)	4294908515 (0xFFFF1A63)
YUV	102.7930, -1.8699, 133.4855
Hunter-Lab	47.8535, 79.8655, 16.2598

Details

The XYZ color **43.8615, 22.8996, 13.9127** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **44.6335, 75.1184, 56.4203**, and the grayscale version is **12.8258, 13.4937, 14.6947**.

A 20% lighter version of the original color is **51.7164, 33.5331, 32.1805**, and **21.8778, 11.2042, 4.3777** is the 20% darker color. If you saturate the color by 10%, you get **42.7544, 21.8750, 9.8773**, and if you desaturate by 10%, it is **45.6212, 24.9441, 19.0475**.

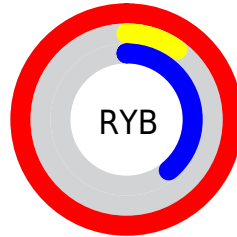
Distribution



Red (100%)

Green (10%)

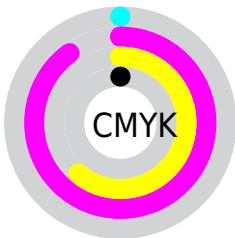
Blue (39%)



Red (100%)

Yellow (10%)

Blue (39%)

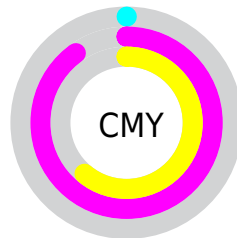


Cyan (0%)

Magenta (90%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8615, 22.8996, 13.9127 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 43.8615, 22.8996, 13.9127 by changing the saturation by 10% instead.

 43.8615, 22.8996,
13.9127


 43.8615, 22.8996,
13.9127


353.0046,
267.2089, 228.0966


 30.7591, 14.5194,
7.9219


 80.2569, 48.2284,
33.6489

 20.5664, 8.4828,
3.9580


 104.2807, 65.9458,
48.2315


 12.9181, 4.4054,
1.6023


 132.6755, 87.5444,
66.5150

 7.4488, 1.9028,
0.2925

 165.8069,
113.4086, 88.9181

 3.7931, 0.5501,
0.0000

 204.0401,
143.9227, 115.8592

 1.5858, 0.0000,
0.0000

247.7406,

 0.3831, 0.0000,

179.4712, 147.7570

0.0000

297.2736,
220.4385, 185.0299

■ 0.0000, 0.0000,
0.0000

■ 43.8615, 22.8996,
13.9127

■ 43.8615, 22.8996,
13.9127

■ 42.7544, 21.8750,
9.8773

■ 45.6212, 24.9441,
19.0475

■ 42.7349, 21.8579,
9.8031

■ 48.1814, 28.2865,
25.3825

■ 51.6395, 33.1060,
32.9982

■ 56.0773, 39.5524,
41.9667

■ 61.5674, 47.7568,
52.3540

■ 68.1748, 57.8366,
64.2216

■ 75.9594, 69.8993,
77.6268

■ 84.9767, 84.0441,
92.6239

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



43.8716, 22.8996, 40.5337



43.8615, 22.8996, 13.9127



36.9105, 22.8996, 3.4669

Triad

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



43.8615, 22.8996, 13.9127



11.4486, 22.8996, 3.4803



17.4885, 22.8996, 113.6432

Complementary

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



43.8615, 22.8996, 13.9127



44.6335, 75.1184, 56.4203

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.



11.4599, 22.8996, 81.1474



43.8615, 22.8996, 13.9127



8.7059, 22.8996, 13.9587

Square

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



43.8615, 22.8996, 13.9127



17.4680, 22.8996, 0.9995



8.7093, 22.8996, 40.6276



26.7154, 22.8996, 113.5933

Rectangle

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



43.8615, 22.8996, 13.9127



30.1683, 22.8996, 1.3956



8.7093, 22.8996, 40.6276



15.0885, 22.8996, 105.5116

Sweetspot

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



43.8620, 22.9010, 13.9130



70.2269, 60.9996, 67.8061



36.9359, 17.5055, 96.0394



14.4969, 12.2328, 13.5782



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.



43.8620, 22.9010, 13.9130



42.7351, 21.8580, 9.8032



43.2710, 25.0233, 3.5286



18.2479, 18.0825, 19.9225



22.3897, 11.4452, 5.4366



2.2272, 1.1333, 0.7780

Inverse Universe

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



43.8620, 22.9010, 13.9130



42.7351, 21.8580, 9.8032



43.2480, 56.9824, 103.3265



18.2479, 18.0825, 19.9225



22.3897, 11.4452, 5.4366



2.2272, 1.1333, 0.7780

Previews

White Background



This preview shows how the XYZ color 43.8615, 22.8996, 13.9127 looks on a white background.

Color Contrast Check

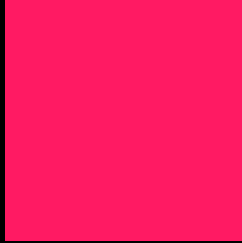
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8615, 22.8996, 13.9127 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 43.8615, 22.8996, 13.9127

Background



This preview shows how black text looks on a background with the XYZ color 43.8615, 22.8996, 13.9127.



This preview shows how white text looks on a background with the XYZ color 43.8615, 22.8996,

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

43.8615, 22.8996, 13.9127

Protanopia

22.3589, 23.0109, 28.8543

Deuteranopia

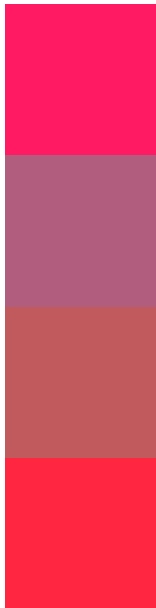
23.3229, 22.8954, 12.4225



Tritanopia

41.9010, 22.9413, 4.6025

Trichromacy



Original Color

43.8615, 22.8996, 13.9127

Protanomaly

25.5847, 18.5652, 21.9736

Deuteranomaly

27.5803, 19.4225, 12.4205

Tritanomaly

42.4916, 22.8272, 7.0170

Monochromacy



Original Color

43.8615, 22.8996, 13.9127

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

19.0149, 13.2606, 14.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8615, 22.8996, 13.9127 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, 26, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 99)  
}
```

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, 26, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 99) }
```

Border

The CSS property to change the border of an element to XYZ 43.8615, 22.8996, 13.9127 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, 26, 99) }
```


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

```
.border{ border-color:rgb(255, 26, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8615, 22.8996, 13.9127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 99) }
```

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

```
.background{ background-color: rgb(255, 26,  
99) }
```

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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