

Converting Colors

XYZ(55.4663, 28.0650, 86.7999)

Have a look what the booklet for
XYZ(55.4663, 28.0650, 86.7999)
contains.

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Color

**XYZ(55.2855, 27.9863,
86.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	F72CF2
RGB	247, 44, 242
RGB Percent	97%, 17%, 95%
CMY	0.0314, 0.8274, 0.0510
CMYK	0.00, 0.82, 0.02, 0.03
HSL	301°, 93%, 57%
HSV	301°, 82%, 97%
XYZ	55.2855, 27.9863, 86.4924
YIQ	127.2690, 57.4300, 104.6140

Conversions

Conversions Part 2

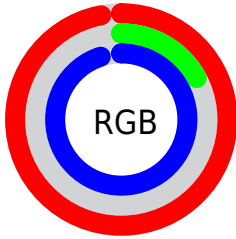
Format	Color
R _{YB}	247, 44, 242
Decimal	16198898
CIE _{Lab}	59.88, 90.32, -54.40
CIE _{LCh}	60, 105.443, 328.938
Yxy	27.9863, 0.3257, 0.1649
Android (android.graphics.Color)	4294388978 (0xFFFF72CF2)
YUV	127.2690, 56.5624, 105.0041
Hunter-Lab	52.9021, 93.9634, -59.9049

Details

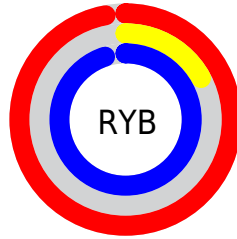
The XYZ color **55.2855, 27.9863, 86.4924** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **34.8552, 67.2802, 14.0566**, and the grayscale version is **20.0656, 21.1106, 22.9894**.

A 20% lighter version of the original color is **65.6513, 41.2026, 99.1004**, and **29.0067, 13.9419, 47.0612** is the 20% darker color. If you saturate the color by 10%, you get **54.5324, 26.6252, 85.7913**, and if you desaturate by 10%, it is **56.5875, 30.4429, 87.3783**.

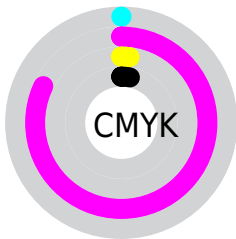
Distribution



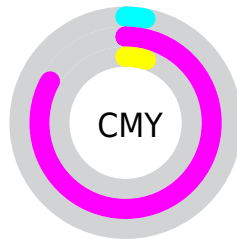
- Red (97%)
- Green (17%)
- Blue (95%)



- Red (97%)
- Yellow (17%)
- Blue (95%)



- Cyan (0%)
- Magenta (82%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (83%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2855, 27.9863, 86.4924 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 55.2855, 27.9863, 86.4924 by changing the saturation by 10% instead.


 55.2855, 27.9863,
86.4924


 55.2855, 27.9863,
86.4924


397.1121,
292.4014, 536.8263

 39.8651, 18.3153,
64.5180


 97.1050, 56.4626,
144.3490


 27.6171, 11.1766,
46.6215


 124.2348, 76.0367,
181.0684


 18.1762, 6.1858,
32.3843


 155.9985, 99.6806,
223.5397

 11.1770, 2.9584,
21.3880

 192.7614,
127.7787, 272.1817

 6.2542, 1.1100,
13.2139

 234.8888,
160.7155, 327.4128

 3.0424, 0.0000,
7.4435

282.7462,

 1.1762, 0.0000,

198.8753, 389.6516

3.6584

336.6988,
242.6425, 459.3165

■ 0.0875, 0.0000,
1.4399

■ 0.0000, 0.0000,
0.1725

■ 55.2855, 27.9863,
86.4924

■ 55.2855, 27.9863,
86.4924

■ 54.5324, 26.6252,
85.7913

■ 56.5875, 30.4429,
87.3783

■ 54.2230, 26.1203,
85.3372

■ 58.5196, 34.1601,
88.4756

■ 61.1529, 39.2791,
89.8081

■ 64.5481, 45.9215,
91.3961

68.7594, 54.1957,
93.2576

73.8361, 64.2001,
95.4091

79.8236, 76.0256,
97.8657

86.7640, 89.7566,
100.6415

90.9807, 98.0394,
102.5108

Harmonies

Analogous

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



41.0917, 27.9863, 151.1339



55.2855, 27.9863, 86.4924



61.5063, 27.9863, 31.8587

Triad

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



55.2855, 27.9863, 86.4924



27.0799, 27.9863, 0.0000



9.8398, 27.9863, 81.8358

Complementary

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



55.2855, 27.9863, 86.4924



34.8552, 67.2802, 14.0566

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.



8.2777, 27.9863, 29.1267



55.2855, 27.9863, 86.4924



15.9925, 27.9863, 0.7661

Square

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



55.2855, 27.9863, 86.4924



42.2055, 27.9863, 0.9027



10.0877, 27.9863, 6.0734



15.4112, 27.9863, 147.1962

Rectangle

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



55.2855, 27.9863, 86.4924



59.1107, 27.9863, 12.2691



10.0877, 27.9863, 6.0734



8.9316, 27.9863, 61.1860

Sweetspot

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



55.2866, 27.9876, 86.4930



77.7235, 65.7500, 101.8820



18.8805, 9.1316, 88.7645



16.2223, 13.2577, 21.6318



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.



55.2866, 27.9876, 86.4930



58.3323, 28.1412, 91.8001



44.1513, 23.5335, 27.8554



17.1950, 16.7608, 20.7732



28.6846, 13.8173, 45.1750



2.5266, 1.2166, 3.9994

Inverse Universe

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



55.2866, 27.9876, 86.4930



58.3323, 28.1412, 91.8001



39.7166, 69.2248, 39.6563



17.1950, 16.7608, 20.7732



28.6846, 13.8173, 45.1750



2.5266, 1.2166, 3.9994

Previews

White Background



This preview shows how the XYZ color 55.2855, 27.9863, 86.4924 looks on a white background.

Color Contrast Check

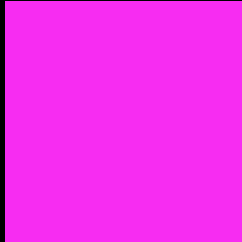
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.2855, 27.9863, 86.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

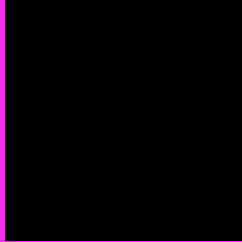
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2855, 27.9863, 86.4924

Background



This preview shows how black text looks on a background with the XYZ color 55.2855, 27.9863, 86.4924.



This preview shows how white text looks on a background with the XYZ color 55.2855, 27.9863,

86.4924.

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

55.2855, 27.9863, 86.4924

Protanopia

31.6947, 28.3936, 98.4178

Deuteranopia

29.0139, 28.1446, 77.3020



Tritanopia

40.9647, 27.7137, 17.3776

Trichromacy



Original Color

55.2855, 27.9863, 86.4924



Protanomaly

34.2634, 23.3212, 93.1380



Deuteranomaly

33.0194, 23.2837, 79.8447



Tritanomaly

44.2144, 26.3488, 34.6538

Monochromacy



Original Color

55.2855, 27.9863, 86.4924



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

28.2307, 20.0719, 39.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2855, 27.9863, 86.4924 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, 44, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 44, 242)  
}
```

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, 44, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 44, 242) }
```

Border

The CSS property to change the border of an element to XYZ 55.2855, 27.9863, 86.4924 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, 44, 242) }
```


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

```
.border{ border-color:rgb(247, 44, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 44, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 44, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 44, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 44,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2855, 27.9863, 86.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 44, 242) }
```

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

```
.background{ background-color: rgb(247, 44,  
242) }
```

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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