

Converting Colors

XYZ(55.5550, 26.7782, 87.0419)

Have a look what the booklet for
XYZ(55.5550, 26.7782, 87.0419)
contains.

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Color

**XYZ(55.6129, 26.8168,
87.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	FA01F3
RGB	250, 1, 243
RGB Percent	98%, 0%, 95%
CMY	0.0196, 0.9959, 0.0471
CMYK	0.00, 1.00, 0.03, 0.02
HSL	302°, 99%, 49%
HSV	302°, 100%, 98%
XYZ	55.6129, 26.8168, 87.0390
YIQ	103.0390, 70.7220, 128.0500

Conversions

Conversions Part 2

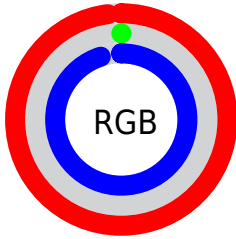
Format	Color
R _Y B	250, 1, 243
Decimal	16384499
CIE Lab	58.80, 95.77, -56.64
CIE LCh	59, 111.263, 329.397
Yxy	26.8168, 0.3282, 0.1582
Android (android.graphics.Color)	4294574579 (0xFFFA01F3)
YUV	103.0390, 69.0008, 128.8848
Hunter-Lab	51.7849, 101.0711, -63.4039

Details

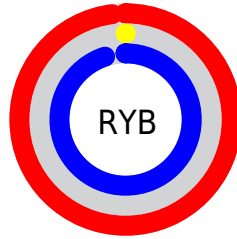
The XYZ color **55.6129, 26.8168, 87.0390** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **34.2433, 68.3966, 11.6281**, and the grayscale version is **12.7201, 13.3825, 14.5735**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **29.6020, 14.2365, 47.6421** is the 20% darker color. If you saturate the color by 10%, you get **55.5982, 26.7936, 87.0124**, and if you desaturate by 10%, it is **56.0794, 27.5788, 87.7196**.

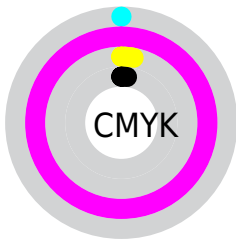
Distribution



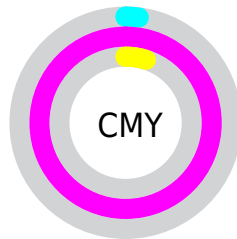
- Red (98%)
- Green (0%)
- Blue (95%)



- Red (98%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6129, 26.8168, 87.0390 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 55.6129, 26.8168, 87.0390 by changing the saturation by 10% instead.


 55.6129, 26.8168,
87.0390

 55.6129, 26.8168,
87.0390

398.3298,
286.7690, 538.6706


 40.1284, 17.4357,
64.9677


 97.5815, 54.5898,
145.1178


 27.8233, 10.5456,
46.9837


 124.7963, 73.7504,
181.9624


 18.3323, 5.7622,
32.6685


 156.6519, 96.9396,
224.5685

 11.2900, 2.7010,
21.6036

 193.5137,
124.5419, 273.3547

 6.3309, 0.9777,
13.3704

 235.7470,
156.9416, 328.7394

 3.0899, 0.0000,
7.5504

283.7172,

 1.2015, 0.0000,

194.5230, 391.1413

3.7250

337.7897,
237.6707, 460.9788

■ 0.1075, 0.0000,
1.4757

■ 0.0000, 0.0000,
0.1997

■ 55.6129, 26.8168,
87.0390

■ 55.6129, 26.8168,
87.0390

■ 55.5982, 26.7936,
87.0124

■ 56.0794, 27.5788,
87.7196

■ 57.0017, 29.2523,
88.5538

■ 58.5107, 32.0988,
89.5857

■ 60.6889, 36.2829,
90.8427

■ 63.6055, 41.9434,
92.3478

■ 67.3213, 49.2014,
94.1214

■ 71.8905, 58.1657,
96.1814

■ 77.3629, 68.9356,
98.5445

■ 83.7841, 81.6026,
101.2259

Harmonies

Analogous

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



40.7582, 26.8168, 156.9191



55.6129, 26.8168, 87.0390



62.0248, 26.8168, 30.0015

Triad

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



55.6129, 26.8168, 87.0390



25.7673, 26.8168, 0.0000



8.7185, 26.8168, 84.2167

Complementary

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



55.6129, 26.8168, 87.0390



34.2433, 68.3966, 11.6281

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.



7.1608, 26.8168, 28.4108



55.6129, 26.8168, 87.0390



14.6066, 26.8168, 0.3111

Square

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



55.6129, 26.8168, 87.0390



41.4195, 26.8168, 0.3930



8.8551, 26.8168, 5.1503



14.2772, 26.8168, 154.4915

Rectangle

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



55.6129, 26.8168, 87.0390



59.3571, 26.8168, 10.6056



8.8551, 26.8168, 5.1503



7.8220, 26.8168, 62.1732

Sweetspot

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



55.6140, 26.8181, 87.0395



74.9656, 60.3823, 100.5060



17.3319, 6.9584, 90.8734



15.5937, 12.0367, 21.3109



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.



55.6140, 26.8181, 87.0395



58.1567, 28.0267, 91.0122



42.9105, 21.7367, 20.1437



17.9707, 17.5156, 21.7016



29.5002, 14.2158, 46.2038



2.7387, 1.3192, 4.3134

Inverse Universe

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



55.6140, 26.8181, 87.0395



58.1567, 28.0267, 91.0122



38.2065, 69.9819, 32.4983



17.9707, 17.5156, 21.7016



29.5002, 14.2158, 46.2038



2.7387, 1.3192, 4.3134

Previews

White Background



This preview shows how the XYZ color 55.6129, 26.8168, 87.0390 looks on a white background.

Color Contrast Check

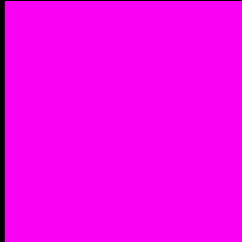
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.6129, 26.8168, 87.0390 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 55.6129, 26.8168, 87.0390

Background



This preview shows how black text looks on a background with the XYZ color 55.6129, 26.8168, 87.0390.



This preview shows how white text looks on a background with the XYZ color 55.6129, 26.8168,

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

55.6129, 26.8168, 87.0390

Protanopia

30.9388, 27.5701, 98.2986

Deuteranopia

28.2397, 27.5217, 77.2226



Tritanopia

40.7514, 26.8059, 15.5966

Trichromacy



Original Color

55.6129, 26.8168, 87.0390



Protanomaly

32.4866, 20.0391, 93.4225



Deuteranomaly

30.8435, 19.7549, 79.2782



Tritanomaly

43.3537, 24.1627, 32.5159

Monochromacy



Original Color

55.6129, 26.8168, 87.0390



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

21.4913, 13.2974, 32.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6129, 26.8168, 87.0390 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(250, 1, 243)` looks like.

```
.text, #text, p{  
    color:rgb(250, 1, 243)  
}
```

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(250, 1, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 1, 243) }
```

Border

The CSS property to change the border of an element to XYZ 55.6129, 26.8168, 87.0390 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(250, 1, 243) }
```


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

```
.border{ border-color:rgb(250, 1, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 1, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 1, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 1, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 1,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6129, 26.8168, 87.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 1, 243) }
```

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

```
.background{ background-color: rgb(250, 1,  
243) }
```

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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