

Converting Colors

XYZ(57.1228, 27.5605, 87.9440)

Have a look what the booklet for
XYZ(57.1228, 27.5605, 87.9440)
contains.

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Color

**XYZ(57.2022, 27.6025,
87.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	FE00F4
RGB	254, 0, 244
RGB Percent	100%, 0%, 96%
CMY	0.0039, 0.9998, 0.0431
CMYK	0.00, 1.00, 0.04, 0.00
HSL	302°, 100%, 50%
HSV	302°, 100%, 100%
XYZ	57.2022, 27.6025, 87.9009
YIQ	103.7620, 73.0600, 129.7320

Conversions

Conversions Part 2

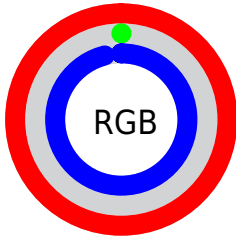
Format	Color
RYB	254, 0, 244
Decimal	16646388
CIELab	59.53, 96.59, -56.01
CIELCh	60, 111.655, 329.894
Yxy	27.6025, 0.3312, 0.1598
Android (android.graphics.Color)	4294836468 (0xFFFE00F4)
YUV	103.7620, 69.1373, 131.7587
Hunter-Lab	52.5381, 102.4049, -62.4208

Details

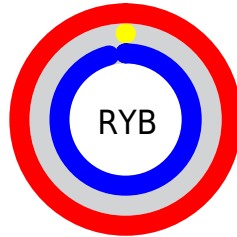
The XYZ color **57.2022, 27.6025, 87.9009** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **35.4979, 70.9069, 12.1040**, and the grayscale version is **12.9101, 13.5824, 14.7913**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **30.7079, 14.7943, 48.2508** is the 20% darker color. If you saturate the color by 10%, you get **57.2025, 27.6027, 87.8998**, and if you desaturate by 10%, it is **57.7124, 28.3783, 88.8226**.

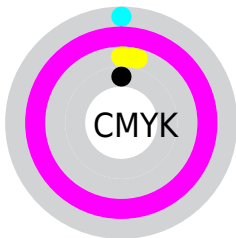
Distribution



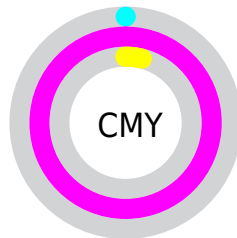
- Red (100%)
- Green (0%)
- Blue (96%)



- Red (100%)
- Yellow (0%)
- Blue (96%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2022, 27.6025, 87.9009 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 57.2022, 27.6025, 87.9009 by changing the saturation by 10% instead.


 57.2022, 27.6025,
87.9009


 57.2022, 27.6025,
87.9009

404.2085,
290.5626, 541.5715


 41.4084, 18.0262,
65.6771


 99.8898, 55.8492,
146.3291


 28.8274, 10.9688,
47.5555


 127.5143, 75.2884,
183.3706

 19.0939, 6.0459,
33.1175


 159.8131, 98.7840,
226.1885

 11.8426, 2.8730,
21.9447

 197.1515,
126.7205, 275.2012

 6.7080, 1.0658,
13.6183

 239.8949,
159.4822, 330.8273

 3.3249, 0.0000,
7.7200

288.4086,

 1.3278, 0.0000,

197.4535, 393.4854

3.8311

343.0580,
241.0189, 463.5939

■ 0.2039, 0.0000,
1.5331

■ 0.0000, 0.0000,
0.2424

■ 57.2022, 27.6025,
87.9009

■ 57.2022, 27.6025,
87.9009

■ 57.2025, 27.6027,
87.8998

■ 57.7124, 28.3783,
88.8226

■ 58.6855, 30.0794,
89.9024

■ 60.2639, 32.9897,
91.1881

■ 62.5340, 37.2823,
92.7085

■ 65.5684, 43.1020,
94.4878

■ 69.4304, 50.5757,
96.5470

■ 74.1768, 59.8169,
98.9051

■ 79.8594, 70.9290,
101.5794

■ 86.5260, 84.0077,
104.5857

Harmonies

Analogous

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



42.1202, 27.6025, 159.2432



57.2022, 27.6025, 87.9009



63.5461, 27.6025, 30.1971

Triad

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



57.2022, 27.6025, 87.9009



26.2851, 27.6025, 0.0000



9.1017, 27.6025, 87.3973

Complementary

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



57.2022, 27.6025, 87.9009



35.4979, 70.9069, 12.1040

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.



7.4411, 27.6025, 29.9122



57.2022, 27.6025, 87.9009



14.9502, 27.6025, 0.4080

Square

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



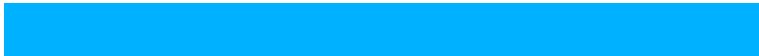
57.2022, 27.6025, 87.9009



42.2384, 27.6025, 0.4223



9.1263, 27.6025, 5.5634



14.8910, 27.6025, 158.8107

Rectangle

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



57.2022, 27.6025, 87.9009



60.6847, 27.6025, 10.6763



9.1263, 27.6025, 5.5634



8.1584, 27.6025, 64.7842

Sweetspot

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



57.2033, 27.6038, 87.9014



74.8287, 60.3276, 99.7854



17.9967, 7.2118, 94.2106



15.5603, 12.0234, 21.1354



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.



57.2033, 27.6038, 87.9014



57.7150, 27.8500, 88.6861



44.1775, 22.3935, 19.3083



18.7599, 18.2873, 22.6190



30.1710, 14.5577, 46.4125



2.9469, 1.4211, 4.5678

Inverse Universe

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



57.2033, 27.6038, 87.9014



57.7150, 27.8500, 88.6861



39.8506, 72.6479, 35.0250



18.7599, 18.2873, 22.6190



30.1710, 14.5577, 46.4125



2.9469, 1.4211, 4.5678

Previews

White Background



This preview shows how the XYZ color 57.2022, 27.6025, 87.9009 looks on a white background.

Color Contrast Check

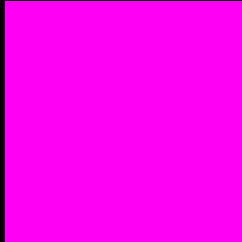
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.2022, 27.6025, 87.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

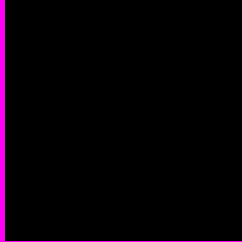
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 57.2022, 27.6025, 87.9009

Background



This preview shows how black text looks on a background with the XYZ color 57.2022, 27.6025, 87.9009.



This preview shows how white text looks on a background with the XYZ color 57.2022, 27.6025,

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

57.2022, 27.6025, 87.9009

Protanopia

31.6947, 28.3936, 98.4178

Deuteranopia

28.9400, 28.0905, 78.0254



Tritanopia

42.1777, 27.6758, 15.6893

Trichromacy



Original Color

57.2022, 27.6025, 87.9009



Protanomaly

33.4632, 20.6669, 93.4922



Deuteranomaly

31.8153, 20.3671, 80.0963



Tritanomaly

44.8097, 24.9037, 33.0170

Monochromacy



Original Color

57.2022, 27.6025, 87.9009



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

22.1627, 13.6339, 32.4739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2022, 27.6025, 87.9009 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(254, 0, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 244)  
}
```

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(254, 0, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.2022, 27.6025, 87.9009 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(254, 0, 244) }
```


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

```
.border{ border-color:rgb(254, 0, 244) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2022, 27.6025, 87.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 244) }
```

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

```
.background{ background-color: rgb(254, 0,  
244) }
```

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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