

Converting Colors

XYZ(57.0090, 27.3925, 92.8772)

Have a look what the booklet for
XYZ(57.0090, 27.3925, 92.8772)
contains.

XYZ(57.0390, 27.4114, 92.7271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0390, 27.4114,
92.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	FB00FA
RGB	251, 0, 250
RGB Percent	98%, 0%, 98%
CMY	0.0157, 0.9998, 0.0196
CMYK	0.00, 1.00, 0.00, 0.02
HSL	300°, 100%, 49%
HSV	300°, 100%, 98%
XYZ	57.0390, 27.4114, 92.7271
YIQ	103.5490, 69.3460, 130.9620

Conversions

Conversions Part 2

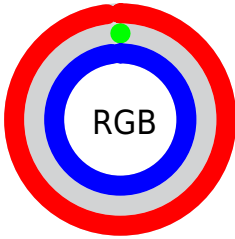
Format	Color
RYB	251, 0, 250
Decimal	16449786
CIELab	59.35, 96.94, -59.65
CIELCh	59, 113.829, 328.394
Yxy	27.4114, 0.3219, 0.1547
Android (android.graphics.Color)	4294639866 (0xFFFB00FA)
YUV	103.5490, 72.2003, 129.3145
Hunter-Lab	52.3559, 102.8436, -68.3589

Details

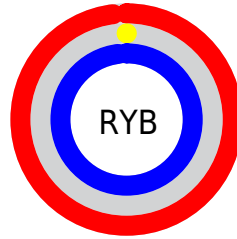
The XYZ color **57.0390, 27.4114, 92.7271** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **34.5040, 68.9980, 11.5295**, and the grayscale version is **12.8464, 13.5154, 14.7183**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **30.6119, 14.6691, 51.6701** is the 20% darker color. If you saturate the color by 10%, you get **57.0396, 27.4117, 92.7273**, and if you desaturate by 10%, it is **57.4061, 28.1195, 92.9271**.

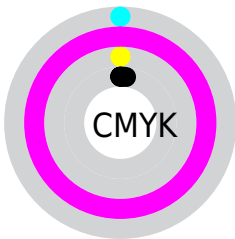
Distribution



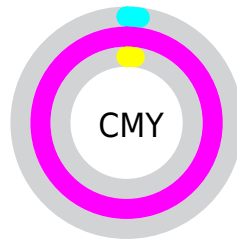
- Red (98%)
- Green (0%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0390, 27.4114, 92.7271 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 57.0390, 27.4114, 92.7271 by changing the saturation by 10% instead.


 57.0390, 27.4114,
92.7271


 57.0390, 27.4114,
92.7271


403.6073,
289.6436, 557.6600


 41.2768, 17.8824,
69.6583


 99.6531, 55.5433,
153.0892

 28.7241, 10.8656,
50.7729


 127.2358, 74.9151,
191.2195

 19.0154, 5.9765,
35.6525


 159.4893, 98.3366,
235.2075

 11.7855, 2.8308,
23.8783

 196.7790,
126.1922, 285.4715

 6.6689, 1.0441,
15.0320

 239.4703,
158.8663, 342.4303

 3.3004, 0.0000,
8.6950

287.9286,

 1.3145, 0.0000,

196.7433, 406.5023

4.4487

342.5191,
240.2076, 478.1060

■ 0.1941, 0.0000,
1.8746

■ 0.0000, 0.0000,
0.4765

■ 57.0390, 27.4114,
92.7271

■ 57.0390, 27.4114,
92.7271

■ 57.0396, 27.4117,
92.7273

■ 57.4061, 28.1195,
92.9271

■ 58.2222, 29.7266,
93.2767

■ 59.6264, 32.5098,
93.8224

■ 61.7026, 36.6371,
94.5921

64.5213, 42.2492,
95.6093

68.1439, 49.4691,
96.8945

72.6256, 58.4073,
98.4661

78.0166, 69.1641,
100.3409

84.3634, 81.8324,
102.5344

Harmonies

Analogous

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



41.3711, 27.4114, 165.7144



57.0390, 27.4114, 92.7271



64.1477, 27.4114, 32.0994

Triad

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



57.0390, 27.4114, 92.7271



26.8290, 27.4114, 0.0000



8.6224, 27.4114, 84.8529

Complementary

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



57.0390, 27.4114, 92.7271



34.5040, 68.9980, 11.5295

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.



7.1444, 27.4114, 27.7013



57.0390, 27.4114, 92.7271



15.0780, 27.4114, 0.1537

Square

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



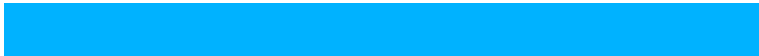
57.0390, 27.4114, 92.7271



43.2074, 27.4114, 0.3767



8.9949, 27.4114, 4.7215



14.1733, 27.4114, 158.9157

Rectangle

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



57.0390, 27.4114, 92.7271



61.6487, 27.4114, 11.3048



8.9949, 27.4114, 4.7215



7.7467, 27.4114, 62.0757

Sweetspot

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



57.0401, 27.4127, 92.7276



75.2610, 60.5005, 102.0614



17.4139, 6.9664, 91.6950



15.6657, 12.0655, 21.6903



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.



57.0401, 27.4127, 92.7276



59.1266, 28.4146, 96.1196



43.5200, 22.0046, 21.5315



17.9899, 17.5233, 21.8028



29.9833, 14.4091, 48.7480



2.7779, 1.3349, 4.5199

Inverse Universe

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



57.0401, 27.4127, 92.7276



59.1266, 28.4146, 96.1196



38.2335, 70.4898, 31.1687



17.9899, 17.5233, 21.8028



29.9833, 14.4091, 48.7480



2.7779, 1.3349, 4.5199

Previews

White Background



This preview shows how the XYZ color 57.0390, 27.4114, 92.7271 looks on a white background.

Color Contrast Check

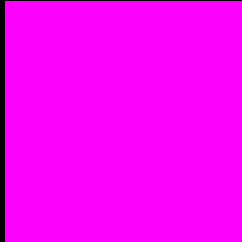
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.0390, 27.4114, 92.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

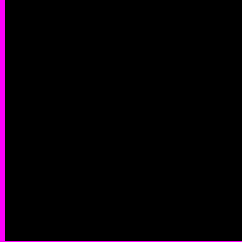
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 57.0390, 27.4114, 92.7271

Background



This preview shows how black text looks on a background with the XYZ color 57.0390, 27.4114, 92.7271.



This preview shows how white text looks on a background with the XYZ color 57.0390, 27.4114,

92.7271.

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

57.0390, 27.4114, 92.7271

Protanopia

31.4526, 28.0509, 98.3644

Deuteranopia

28.8991, 27.9709, 82.4730



Tritanopia

41.1784, 27.4175, 16.4864

Trichromacy



Original Color

57.0390, 27.4114, 92.7271



Protanomaly

33.3346, 20.4397, 95.1168



Deuteranomaly

31.5879, 20.1486, 84.6623



Tritanomaly

44.1698, 24.6146, 34.7708

Monochromacy



Original Color

57.0390, 27.4114, 92.7271



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

21.9386, 13.4988, 33.3475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0390, 27.4114, 92.7271 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(251, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 250)  
}
```

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(251, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 250) }
```

Border

The CSS property to change the border of an element to XYZ 57.0390, 27.4114, 92.7271 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(251, 0, 250) }
```


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

```
.border{ border-color:rgb(251, 0, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 0, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 0,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0390, 27.4114, 92.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 250) }
```

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

```
.background{ background-color: rgb(251, 0,  
250) }
```

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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