

Converting Colors

XYZ(16.4163, 7.9440, 27.2445)

Have a look what the booklet for
XYZ(16.4163, 7.9440, 27.2445)
contains.

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Color

**XYZ(16.4052, 7.9401,
27.0535)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0490
RGB	143, 4, 144
RGB Percent	56%, 2%, 56%
CMY	0.4392, 0.9843, 0.4353
CMYK	0.01, 0.97, 0.00, 0.44
HSL	300°, 95%, 29%
HSV	300°, 97%, 56%
XYZ	16.4052, 7.9401, 27.0535
YIQ	61.5210, 37.9040, 73.0080

Conversions

Conversions Part 2

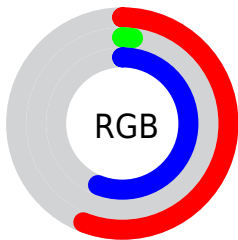
Format	Color
RYB	143, 4, 144
Decimal	9372816
CIELab	33.86, 63.48, -39.77
CIElCh	34, 74.913, 327.933
Yxy	7.9401, 0.3192, 0.1545
Android (android.graphics.Color)	4287562896 (0xFF8F0490)
YUV	61.5210, 40.6621, 71.4571
Hunter-Lab	28.1782, 54.6100, -37.1988

Details

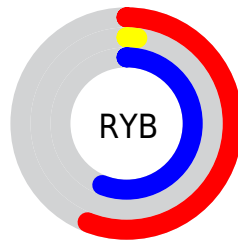
The XYZ color **16.4052, 7.9401, 27.0535** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.0580, 19.9877, 3.4431**, and the grayscale version is **4.4507, 4.6825, 5.0993**.

A 20% lighter version of the original color is **36.7368, 21.8054, 55.6987**, and **6.0003, 2.8650, 10.5927** is the 20% darker color. If you saturate the color by 10%, you get **16.3570, 7.8508, 27.0389**, and if you desaturate by 10%, it is **16.6028, 8.3086, 27.1143**.

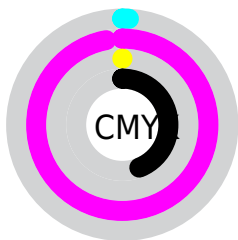
Distribution



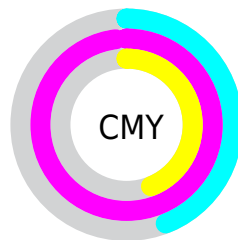
- Red (56%)
- Green (2%)
- Blue (56%)



- Red (56%)
- Yellow (2%)
- Blue (56%)



- Cyan (1%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4052, 7.9401, 27.0535 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 16.4052, 7.9401, 27.0535 by changing the saturation by 10% instead.

■ 16.4052, 7.9401,
27.0535

■ 16.4052, 7.9401,
27.0535

■ 224.9447,
175.2614, 301.6844

■ 9.9040, 4.0566,
17.3806

■ 36.8520, 21.8409,
55.9745

■ 5.3971, 1.7053,
10.3414

■ 51.5284, 32.6271,
76.0597

■ 2.5192, 0.4271,
5.5174

■ 69.6605, 46.4830,
100.4527

■ 0.9050, 0.0000,
2.4899

■ 91.6137, 63.7929,
129.5721

■ 0.0000, 0.0000,
0.8348


■ 117.7533, 84.9413,
163.8364


■ 0.0000, 0.0000,
0.0000

■ 148.4448,

110.3126, 203.6643

 184.0535,
140.2912, 249.4741

 16.4052, 7.9401,
27.0535


 16.4052, 7.9401,
27.0535


 16.3570, 7.8508,
27.0389

 16.6028, 8.3086,
27.1143

 16.9362, 8.9490,
27.2204

 17.4404, 9.9309,
27.3833

 18.1349, 11.2933,
27.6097

 19.0364, 13.0698,
27.9051

■ 20.1600, 15.2905,
28.2745

■ 21.5193, 17.9826,
28.7225

■ 23.1269, 21.1711,
29.2532

■ 24.9943, 24.8793,
29.8705

Harmonies

Analogous

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



11.8805, 7.9401, 47.9359



16.4052, 7.9401, 27.0535



18.5005, 7.9401, 9.4864

Triad

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



16.4052, 7.9401, 27.0535



7.8350, 7.9401, 0.0000



2.5011, 7.9401, 24.1443

Complementary

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



16.4052, 7.9401, 27.0535



10.0580, 19.9877, 3.4431

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.



2.0883, 7.9401, 7.8557



16.4052, 7.9401, 27.0535



4.4206, 7.9401, 0.0000

Square

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



16.4052, 7.9401, 27.0535



12.5601, 7.9401, 0.0000



2.6399, 7.9401, 1.3413



4.0844, 7.9401, 45.4277

Rectangle

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



16.4052, 7.9401, 27.0535



17.8212, 7.9401, 3.3863



2.6399, 7.9401, 1.3413



2.2531, 7.9401, 17.6396

Sweetspot

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



16.4055, 7.9405, 27.0537



37.3453, 30.5089, 50.4585



5.1531, 2.1772, 26.5343



8.3502, 6.5727, 11.5008



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.4055, 7.9405, 27.0537



28.8435, 13.8437, 47.6899



12.8615, 6.5429, 7.4845



5.6225, 5.5091, 6.7958



14.2449, 6.8371, 23.5460



0.1370, 0.0658, 0.2252

Inverse Universe

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



11.5726, 6.0274, 0.6973



20.2934, 10.4608, 0.9877



11.1826, 20.4361, 9.4302



5.4104, 5.4247, 5.6589



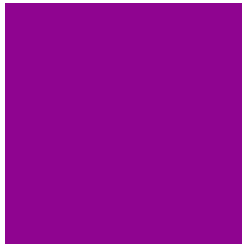
10.0211, 5.1655, 0.4966



0.0961, 0.0495, 0.0061

Previews

White Background



This preview shows how the XYZ color 16.4052, 7.9401, 27.0535 looks on a white background.

Color Contrast Check

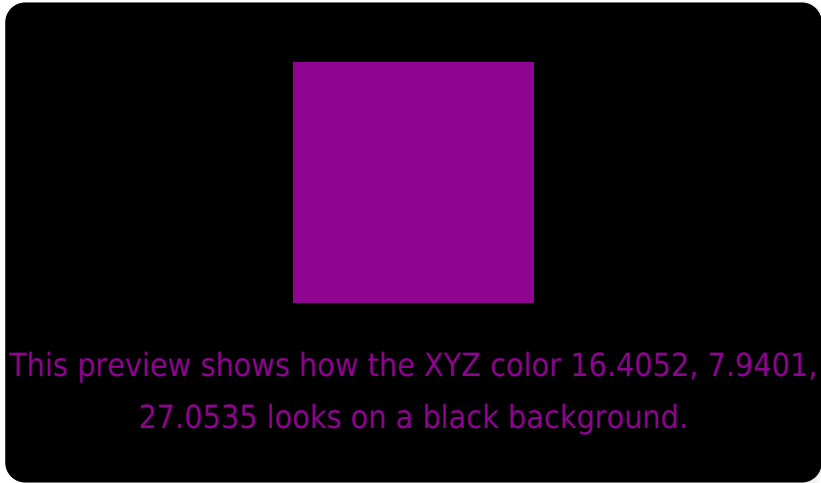
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

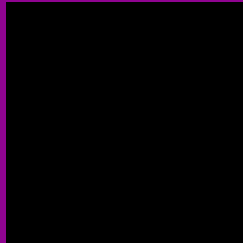
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4052, 7.9401, 27.0535

Background



This preview shows how black text looks on a background with the XYZ color 16.4052, 7.9401, 27.0535.



This preview shows how white text looks on a background with the XYZ color 16.4052, 7.9401,

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

16.4052, 7.9401, 27.0535

Protanopia

9.8639, 8.4191, 38.1510

Deuteranopia

8.6854, 8.5642, 24.1170



Tritanopia

12.1103, 8.3208, 5.2428

Trichromacy



Original Color

16.4052, 7.9401, 27.0535

Protanomaly

8.9022, 5.6893, 33.4298

Deuteranomaly

9.4739, 6.3123, 24.7638

Tritanomaly

12.8980, 7.4599, 10.6576

Monochromacy



Original Color

16.4052, 7.9401, 27.0535

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

7.0391, 4.5827, 10.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4052, 7.9401, 27.0535 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(143, 4, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 4, 144)  
}
```

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(143, 4, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 4, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.4052, 7.9401, 27.0535 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(143, 4, 144) }
```


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

```
.border{ border-color:rgb(143, 4, 144) }
```

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

Here you see how a box with a 4 pixel rgb(143, 4, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 4, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 4, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 4,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4052, 7.9401, 27.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 4, 144) }
```

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

```
.background{ background-color: rgb(143, 4,  
144) }
```

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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