

Converting Colors

XYZ(7.4741, 3.3261, 24.1746)

Have a look what the booklet for
XYZ(7.4741, 3.3261, 24.1746)
contains.

XYZ(7.4891, 3.3308, 24.2930)	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(7.4891, 3.3308,
24.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	4B008A
RGB	75, 0, 138
RGB Percent	29%, 0%, 54%
CMY	0.7059, 1.0000, 0.4588
CMYK	0.46, 1.00, 0.00, 0.46
HSL	273°, 100%, 27%
HSV	273°, 100%, 54%
XYZ	7.4891, 3.3308, 24.2930
YIQ	38.1570, 0.4020, 58.8180

Conversions

Conversions Part 2

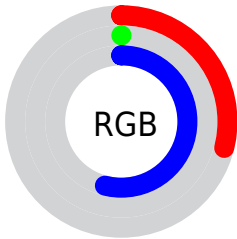
Format	Color
R_{YB}	75, 0, 138
Decimal	4915338
CIE _{Lab}	21.32, 53.48, -56.95
CIE _{LCh}	21, 78.127, 313.199
Yxy	3.3308, 0.2133, 0.0949
Android (android.graphics.Color)	4283105418 (0xFF4B008A)
YUV	38.1570, 49.2226, 32.3113
Hunter-Lab	18.2505, 41.3093, -66.1449

Details

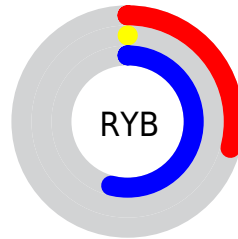
The XYZ color **7.4891, 3.3308, 24.2930** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **11.1383, 19.2337, 3.1254**, and the grayscale version is **1.8153, 1.9098, 2.0798**.

A 20% lighter version of the original color is **20.7083, 12.1208, 51.7002**, and **1.9340, 0.7983, 9.0690** is the 20% darker color. If you saturate the color by 10%, you get **7.4894, 3.3310, 24.2931**, and if you desaturate by 10%, it is **8.1612, 3.9064, 24.3688**.

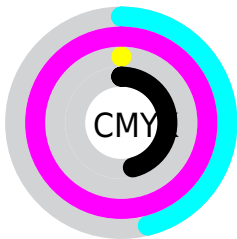
Distribution



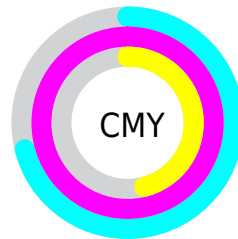
- Red (29%)
- Green (0%)
- Blue (54%)



- Red (29%)
- Yellow (0%)
- Blue (54%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (71%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.4891, 3.3308, 24.2930 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 7.4891, 3.3308, 24.2930 by changing the saturation by 10% instead.

7.4891, 3.3308,
24.2930

7.4891, 3.3308,
24.2930

166.1257,
132.2344, 287.6326

3.8188, 1.3068,
15.3369

20.6457, 12.0672,
51.4577

1.6002, 0.1464,
8.9069

30.8628, 19.5485,
70.5034

0.3925, 0.0000,
4.5845

43.9929, 29.6175,
93.7494

0.0000, 0.0000,
1.9512

60.4014, 42.6588,
121.6142


0.0000, 0.0000,
0.5250


80.4535, 59.0568,
154.5164


0.0000, 0.0000,
0.0000

104.5147, 79.1958,


192.8745


 132.9503,
103.4602, 237.1071

 7.4891, 3.3308,
24.2930


 7.4891, 3.3308,
24.2930

 7.4894, 3.3310,
24.2931

 8.1612, 3.9064,
24.3688

 8.9803, 4.7020,
24.4792

 10.0004, 5.8232,
24.6418

 11.2411, 7.3073,
24.8629

 12.7193, 9.1863,
25.1476

■ 14.4500, 11.4885,
25.5008

■ 16.4470, 14.2398,
25.9266

■ 18.7228, 17.4636,
26.4289

■ 21.2892, 21.1820,
27.0114

Harmonies

Analogous

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



4.3401, 3.3308, 37.6783



7.4891, 3.3308, 24.2930



9.9523, 3.3308, 8.9415

Triad

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



7.4891, 3.3308, 24.2930



4.6949, 3.3308, 0.0000



0.3868, 3.3308, 7.5563

Complementary

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



7.4891, 3.3308, 24.2930



11.1383, 19.2337, 3.1254

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.



0.4178, 3.3308, 0.9917



7.4891, 3.3308, 24.2930



2.2251, 3.3308, 0.0000

Square

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



7.4891, 3.3308, 24.2930



7.8589, 3.3308, 0.0000



0.9418, 3.3308, 0.0000



0.8534, 3.3308, 22.2661

Rectangle

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



7.4891, 3.3308, 24.2930



10.3649, 3.3308, 2.9383



0.9418, 3.3308, 0.0000



0.3394, 3.3308, 4.4149

Sweetspot

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



7.4894, 3.3310, 24.2931



28.7503, 24.7644, 45.6479



6.4435, 5.5471, 24.7760



6.1519, 5.1427, 10.1747



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



7.4894, 3.3310, 24.2931



13.0175, 5.7767, 42.8121



14.7427, 7.1078, 22.9305



5.0173, 5.0174, 6.3098



6.8836, 3.0627, 22.2740



0.0626, 0.0291, 0.1488

Inverse Universe

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



11.3784, 5.7622, 5.2147



19.9785, 10.1256, 8.7818



9.1137, 18.1871, 3.1622



5.1216, 5.0841, 5.7288



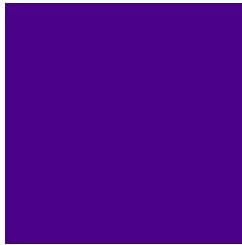
10.4396, 5.2859, 4.8191



0.0766, 0.0380, 0.0702

Previews

White Background



This preview shows how the XYZ color 7.4891, 3.3308, 24.2930 looks on a white background.

Color Contrast Check

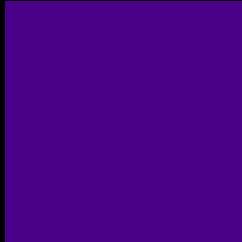
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 7.4891, 3.3308, 24.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

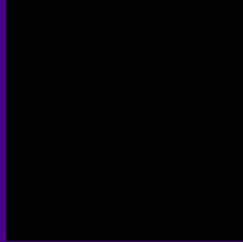
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.4891, 3.3308, 24.2930

Background



This preview shows how black text looks on a background with the XYZ color 7.4891, 3.3308, 24.2930.



This preview shows how white text looks on a background with the XYZ color 7.4891, 3.3308,

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

7.4891, 3.3308, 24.2930

Protanopia

4.1423, 3.6939, 15.5336

Deuteranopia

3.4797, 3.6546, 11.3485



Tritanopia

3.6584, 3.7560, 4.5352

Trichromacy



Original Color

7.4891, 3.3308, 24.2930

Protanomaly

4.4752, 2.7575, 18.3855

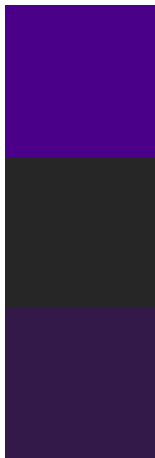
Deuteranomaly

3.9521, 2.6425, 15.3407

Tritanomaly

4.2789, 2.8563, 9.3426

Monochromacy



Original Color

7.4891, 3.3308, 24.2930

Achromatopsia

1.8423, 1.9382, 2.1107

Achromatomaly

2.9279, 1.8515, 6.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.4891, 3.3308, 24.2930 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(75, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 138)  
}
```

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(75, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 138) }
```

Border

The CSS property to change the border of an element to XYZ 7.4891, 3.3308, 24.2930 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(75, 0, 138) }
```


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

```
.border{ border-color:rgb(75, 0, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(75, 0, 138)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.4891, 3.3308, 24.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 138) }
```

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

```
.background{ background-color: rgb(75, 0,  
138) }
```

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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