

Converting Colors

XYZ(14.4847, 6.7276, 34.0917)

Have a look what the booklet for
XYZ(14.4847, 6.7276, 34.0917)
contains.

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Color

**XYZ(14.4591, 6.7108,
34.2514)**

Conversions

Conversions Part 1

Format	Color
Hex	7A00A1
RGB	122, 0, 161
RGB Percent	48%, 0%, 63%
CMY	0.5216, 1.0000, 0.3686
CMYK	0.24, 1.00, 0.00, 0.37
HSL	285°, 100%, 32%
HSV	285°, 100%, 63%
XYZ	14.4591, 6.7108, 34.2514
YIQ	54.8320, 21.0310, 75.9350

Conversions

Conversions Part 2

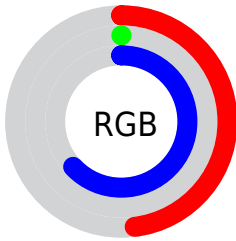
Format	Color
R_{YB}	122, 0, 161
Decimal	7995553
CIE _{Lab}	31.14, 63.73, -54.75
CIE _{LCh}	31, 84.013, 319.336
Yxy	6.7108, 0.2609, 0.1211
Android (android.graphics.Color)	4286185633 (0xFF7A00A1)
YUV	54.8320, 52.3408, 58.9063
Hunter-Lab	25.9052, 54.2964, -60.2585

Details

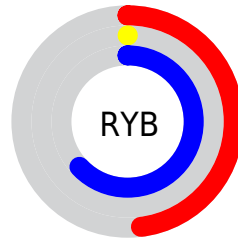
The XYZ color **14.4591, 6.7108, 34.2514** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **13.5817, 25.9212, 4.2876**, and the grayscale version is **3.5452, 3.7298, 4.0618**.

A 20% lighter version of the original color is **33.4973, 19.3585, 67.6167**, and **4.9535, 2.2410, 14.3588** is the 20% darker color. If you saturate the color by 10%, you get **14.4593, 6.7109, 34.2515**, and if you desaturate by 10%, it is **15.2096, 7.3751, 34.3402**.

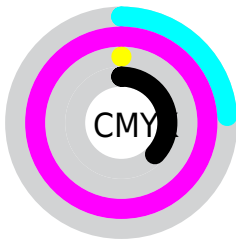
Distribution



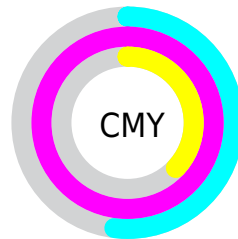
- Red (48%)
- Green (0%)
- Blue (63%)



- Red (48%)
- Yellow (0%)
- Blue (63%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (52%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4591, 6.7108, 34.2514 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 14.4591, 6.7108, 34.2514 by changing the saturation by 10% instead.

■ 14.4591, 6.7108,
34.2514

■ 14.4591, 6.7108,
34.2514

213.5224,
165.2386, 336.0549

■ 8.5245, 3.2819,
22.8079

■ 33.4809, 19.3890,
67.4628

■ 4.4870, 1.2806,
14.2477

■ 47.2989, 29.4071,
90.0677

■ 1.9811, 0.1261,
8.1525

■ 64.4753, 42.3904,
117.2302

■ 0.6233, 0.0000,
4.1035

■ 85.3756, 58.7233,
149.3688

■ 0.0000, 0.0000,
1.6823

■ 110.3651, 78.7902,
186.9020

■ 0.0000, 0.0000,
0.3486

■ 139.8092,

■ 0.0000, 0.0000,

102.9754, 230.2484

0.0000


 174.0732,
131.6634, 279.8265

 14.4591, 6.7108,
34.2514


 14.4591, 6.7108,
34.2514


 14.4593, 6.7109,
34.2515

 15.2096, 7.3751,
34.3402

 16.1307, 8.3475,
34.4793

 17.2866, 9.7560,
34.6903

 18.7048, 11.6552,
34.9821

 20.4088, 14.0915,
35.3626

■ 22.4192, 17.1060,
35.8385

■ 24.7548, 20.7356,
36.4159

■ 27.4325, 25.0142,
37.1007

■ 30.4682, 29.9731,
37.8978

Harmonies

Analogous

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



9.3731, 6.7108, 56.3241



14.4591, 6.7108, 34.2514



17.7411, 6.7108, 12.3535

Triad

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



14.4591, 6.7108, 34.2514



7.9575, 6.7108, 0.0000



1.4467, 6.7108, 17.6702

Complementary

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



14.4591, 6.7108, 34.2514



13.5817, 25.9212, 4.2876

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.



1.3345, 6.7108, 3.8646



14.4591, 6.7108, 34.2514



4.1010, 6.7108, 0.0000

Square

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



14.4591, 6.7108, 34.2514



13.0480, 6.7108, 0.0000



2.0624, 6.7108, 0.0000



2.4871, 6.7108, 41.4945

Rectangle

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



14.4591, 6.7108, 34.2514



17.8042, 6.7108, 4.2131



2.0624, 6.7108, 0.0000



1.3233, 6.7108, 11.6334

Sweetspot

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



14.4594, 6.7111, 34.2516



44.0808, 36.7372, 65.1542



7.2004, 4.1080, 34.1317



9.2931, 7.4707, 14.1958



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.4594, 6.7111, 34.2516



25.7102, 11.9232, 61.3329



18.1340, 8.9516, 18.7813



7.1959, 7.1154, 8.8972



11.5860, 5.3793, 27.3574



0.2818, 0.1328, 0.5766

Inverse Universe

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



15.0643, 7.7237, 2.6165



26.9127, 13.8058, 4.3380



13.1323, 25.6448, 6.2879



7.1409, 7.1128, 7.7282



12.0453, 6.1742, 2.1632



0.2703, 0.1366, 0.1363

Previews

White Background



This preview shows how the XYZ color 14.4591, 6.7108, 34.2514 looks on a white background.

Color Contrast Check

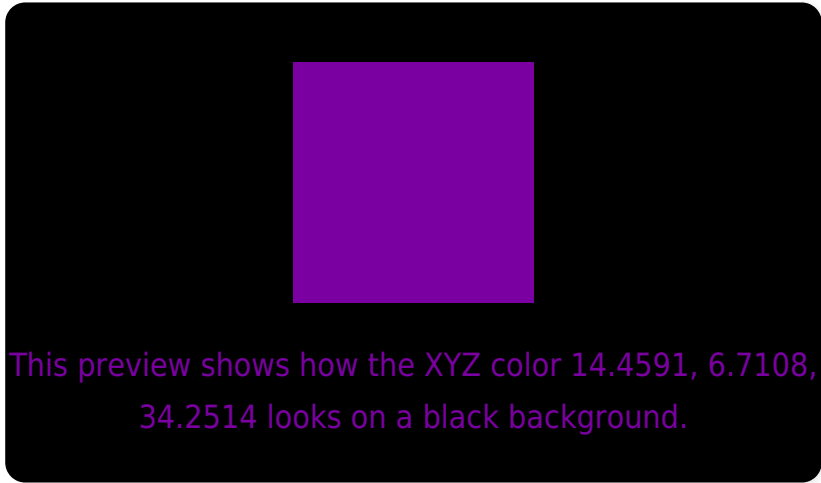
Large Text (above 18pt) WCAG AA ✓ Pass

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

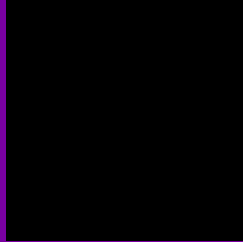
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4591, 6.7108, 34.2514

Background



This preview shows how black text looks on a background with the XYZ color 14.4591, 6.7108, 34.2514.



This preview shows how white text looks on a background with the XYZ color 14.4591, 6.7108,

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

14.4591, 6.7108, 34.2514

Deuteranopia

7.0976, 7.1980, 23.9370

Tritanopia

9.0052, 7.1605, 6.3763

Trichromacy



Original Color

14.4591, 6.7108, 34.2514

Deuteranomaly

7.2133, 4.8303, 26.9377

Tritanomaly

9.9671, 5.9876, 13.2008

Monochromacy



Original Color

14.4591, 6.7108, 34.2514

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8459, 3.6725, 10.9904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4591, 6.7108, 34.2514 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(122, 0, 161)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 161)  
}
```

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(122, 0, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 161) }
```

Border

The CSS property to change the border of an element to XYZ 14.4591, 6.7108, 34.2514 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(122, 0, 161) }
```

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

```
.border{ border-color:rgb(122, 0, 161) }
```

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

Here you see how a box with a 4 pixel rgb(122, 0, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 161);  
box-shadow:4px 4px 4px 4px rgb(122, 0,  
161) }
```


Background

The CSS property to change the background color of an element to XYZ 14.4591, 6.7108, 34.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 161) }
```

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

```
.background{ background-color: rgb(122, 0,  
161) }
```

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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