

Converting Colors

XYZ(14.3543, 7.0160, 35.3421)

Have a look what the booklet for
XYZ(14.3543, 7.0160, 35.3421)
contains.

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Color

**XYZ(14.3322, 6.9962,
35.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	7614A3
RGB	118, 20, 163
RGB Percent	46%, 8%, 64%
CMY	0.5372, 0.9216, 0.3608
CMYK	0.28, 0.88, 0.00, 0.36
HSL	281°, 78%, 36%
HSV	281°, 88%, 64%
XYZ	14.3322, 6.9962, 35.2453
YIQ	65.6040, 12.5050, 65.2490

Conversions

Conversions Part 2

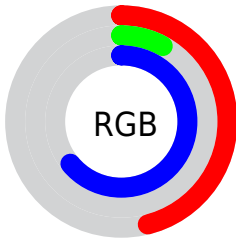
Format	Color
R _{YB}	118, 20, 163
Decimal	7738531
CIE _{Lab}	31.80, 60.10, -54.91
CIE _{LCh}	32, 81.411, 317.584
Yxy	6.9962, 0.2533, 0.1237
Android (android.graphics.Color)	4285928611 (0xFF7614A3)
YUV	65.6040, 48.0162, 45.9513
Hunter-Lab	26.4503, 50.4327, -60.4892

Details

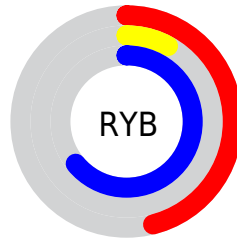
The XYZ color **14.3322, 6.9962, 35.2453** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **15.4036, 27.3688, 5.1328**, and the grayscale version is **5.0446, 5.3073, 5.7797**.

A 20% lighter version of the original color is **33.3340, 19.9658, 69.1147**, and **4.8011, 2.1499, 14.9138** is the 20% darker color. If you saturate the color by 10%, you get **13.4447, 6.2270, 35.1437**, and if you desaturate by 10%, it is **15.4381, 8.1452, 35.4089**.

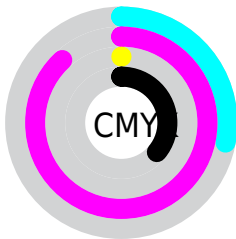
Distribution



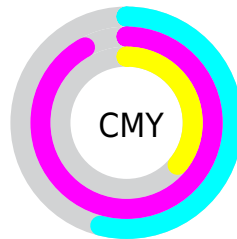
- Red (46%)
- Green (8%)
- Blue (64%)



- Red (46%)
- Yellow (8%)
- Blue (64%)



- Cyan (28%)
- Magenta (88%)
- Yellow (0%)
- Black (36%)



- Cyan (54%)
- Magenta (92%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3322, 6.9962, 35.2453 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 14.3322, 6.9962, 35.2453 by changing the saturation by 10% instead.

■ 14.3322, 6.9962,
35.2453

■ 14.3322, 6.9962,
35.2453

212.7573,
167.6321, 340.5868

■ 8.4353, 3.4597,
23.5668

■ 33.2587, 19.9656,
69.0215

■ 4.4289, 1.3762,
14.8034

■ 47.0190, 30.1672,
91.9563

■ 1.9475, 0.1991,
8.5364

■ 64.1312, 43.3594,
119.4802

■ 0.6042, 0.0000,
4.3474

■ 84.9605, 59.9266,
152.0119

■ 0.0000, 0.0000,
1.8178

■ 109.8725, 80.2530,
189.9699


■ 0.0000, 0.0000,
0.4397


■ 139.2324,

■ 0.0000, 0.0000,

104.7231, 233.7727


0.0000

 173.4055,
133.7214, 283.8388

 14.3322, 6.9962,
35.2453


 14.3322, 6.9962,
35.2453


 13.4447, 6.2270,
35.1437

 15.4381, 8.1452,
35.4089

 13.2558, 6.0699,
35.1234

 16.8073, 9.7639,
35.6492

 18.4676, 11.9070,
35.9754

 20.4427, 14.6210,
36.3951

 22.7538, 17.9474,
36.9154

■ 25.4200, 21.9235,
37.5423

■ 28.4589, 26.5839,
38.2817

■ 31.8869, 31.9605,
39.1388

■ 35.7193, 38.0832,
40.1186

Harmonies

Analogous

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



9.3268, 6.9962, 55.7670



14.3322, 6.9962, 35.2453



17.7012, 6.9962, 13.5755

Triad

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



14.3322, 6.9962, 35.2453



8.4926, 6.9962, 0.0000



1.6104, 6.9962, 16.6760

Complementary

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



14.3322, 6.9962, 35.2453



15.4036, 27.3688, 5.1328

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.



1.5399, 6.9962, 3.7217



14.3322, 6.9962, 35.2453



4.5412, 6.9962, 0.0000

Square

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



14.3322, 6.9962, 35.2453



13.5097, 6.9962, 0.0000



2.3627, 6.9962, 0.0000



2.6239, 6.9962, 39.3955

Rectangle

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



14.3322, 6.9962, 35.2453



17.9238, 6.9962, 5.0096



2.3627, 6.9962, 0.0000



1.4968, 6.9962, 11.0027

Sweetspot

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



14.3326, 6.9965, 35.2455



46.1663, 40.2352, 67.3891



8.8061, 6.6065, 35.4615



9.9939, 8.4701, 15.0457



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



14.3326, 6.9965, 35.2455



23.5251, 10.7599, 62.8931



19.8544, 10.0869, 24.4863



7.1465, 7.0899, 8.8949



10.3505, 4.7424, 27.2996



0.2629, 0.1230, 0.5757

Inverse Universe

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



16.3087, 8.6686, 5.8149



28.0518, 14.3456, 6.5383



13.8833, 26.5422, 6.9989



7.1613, 7.1210, 7.8359



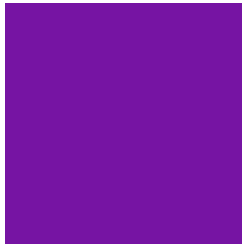
12.2268, 6.2468, 3.1192



0.2774, 0.1395, 0.1736

Previews

White Background



This preview shows how the XYZ color 14.3322, 6.9962, 35.2453 looks on a white background.

Color Contrast Check

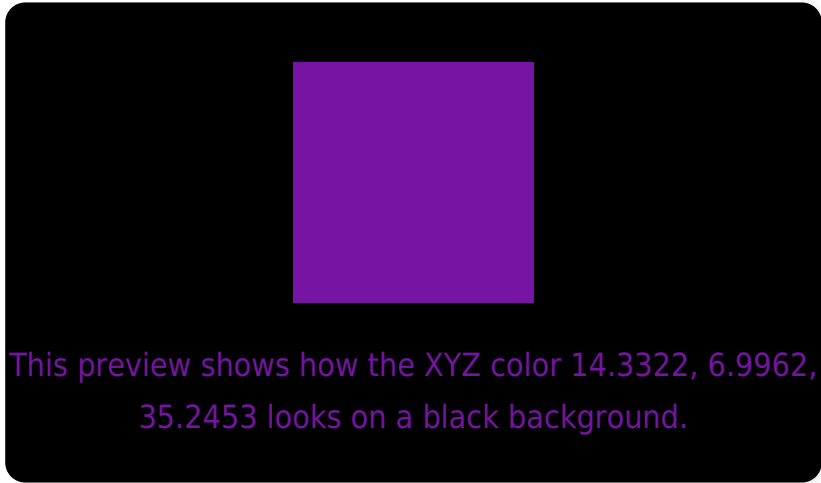
Large Text (above 18pt) WCAG AA ✓ Pass

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

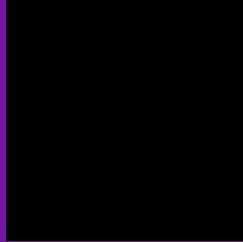
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3322, 6.9962, 35.2453

Background



This preview shows how black text looks on a background with the XYZ color 14.3322, 6.9962, 35.2453.



This preview shows how white text looks on a background with the XYZ color 14.3322, 6.9962,

35.2453.

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

14.3322, 6.9962, 35.2453

Protanopia

8.3652, 7.2641, 31.9716

Deuteranopia

7.0976, 7.1980, 23.9370



Tritanopia

8.6791, 7.2349, 6.9003

Trichromacy



Original Color

14.3322, 6.9962, 35.2453



Protanomaly

8.4870, 5.6205, 32.9853



Deuteranomaly

7.5702, 5.4842, 27.4476



Tritanomaly

9.7813, 6.3842, 13.8135

Monochromacy



Original Color

14.3322, 6.9962, 35.2453



Achromatopsia

5.1784, 5.4480, 5.9329



Achromatomaly

7.1936, 5.0675, 12.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3322, 6.9962, 35.2453 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(118, 20, 163)` looks like.

```
.text, #text, p{  
    color:rgb(118, 20, 163)  
}
```

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(118, 20, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 20, 163) }
```

Border

The CSS property to change the border of an element to XYZ 14.3322, 6.9962, 35.2453 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(118, 20, 163) }
```


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

```
.border{ border-color:rgb(118, 20, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 20, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 20, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 20, 163);  
box-shadow:4px 4px 4px 4px rgb(118, 20,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3322, 6.9962, 35.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 20, 163) }
```

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

```
.background{ background-color: rgb(118, 20,  
163) }
```

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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