

Converting Colors

XYZ(13.9567, 6.2608, 42.8560)

Have a look what the booklet for
XYZ(13.9567, 6.2608, 42.8560)
contains.

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Color

**XYZ(13.9624, 6.2579,
43.1198)**

Conversions

Conversions Part 1

Format	Color
Hex	6900B3
RGB	105, 0, 179
RGB Percent	41%, 0%, 70%
CMY	0.5882, 1.0000, 0.2980
CMYK	0.41, 1.00, 0.00, 0.30
HSL	275°, 100%, 35%
HSV	275°, 100%, 70%
XYZ	13.9624, 6.2579, 43.1198
YIQ	51.8010, 5.1210, 77.9290

Conversions

Conversions Part 2

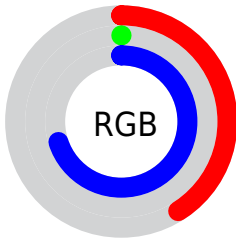
Format	Color
R_{YB}	105, 0, 179
Decimal	6881459
CIE _{Lab}	30.05, 65.31, -67.47
CIE _{LCh}	30, 93.902, 314.070
Yxy	6.2579, 0.2204, 0.0988
Android (android.graphics.Color)	4285071539 (0xFF6900B3)
YUV	51.8010, 62.7091, 46.6555
Hunter-Lab	25.0158, 55.8509, -84.6873

Details

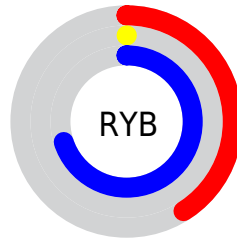
The XYZ color **13.9624, 6.2579, 43.1198** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **18.9439, 33.6960, 5.5055**, and the grayscale version is **3.1689, 3.3339, 3.6306**.

A 20% lighter version of the original color is **32.5619, 18.4774, 81.2072**, and **4.6979, 1.9943, 19.5394** is the 20% darker color. If you saturate the color by 10%, you get **13.9628, 6.2582, 43.1200**, and if you desaturate by 10%, it is **15.0849, 7.1553, 43.2340**.

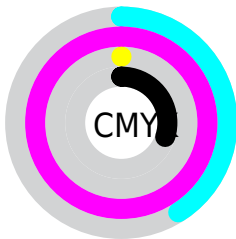
Distribution



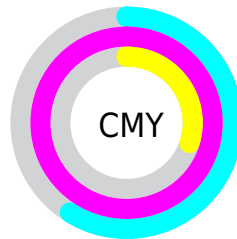
- Red (41%)
- Green (0%)
- Blue (70%)



- Red (41%)
- Yellow (0%)
- Blue (70%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (59%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9624, 6.2579, 43.1198 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 13.9624, 6.2579, 43.1198 by changing the saturation by 10% instead.


 13.9624, 6.2579,
43.1198


 13.9624, 6.2579,
43.1198


210.5121,
161.3467, 375.0399


 8.1760, 3.0025,
29.6470


 32.6091, 18.4639,
81.1799

 4.2606, 1.1331,
19.3211


 46.2002, 28.1833,
106.6043


 1.8506, 0.0060,
11.7233


 63.1236, 40.8263,
136.8497

 0.5479, 0.0000,
6.4353

 83.7446, 56.7770,
172.3346

 0.0000, 0.0000,
3.0385

 108.4286, 76.4201,
213.4775


 0.0000, 0.0000,
1.1143

 137.5409,

 0.0000, 0.0000,

100.1398, 260.6970

0.0000

 171.4470,
128.3205, 314.4116


 13.9624, 6.2579,
43.1198


 13.9624, 6.2579,
43.1198


 13.9628, 6.2582,
43.1200

 15.0849, 7.1553,
43.2340

 16.4800, 8.4834,
43.4168

 18.2246, 10.3928,
43.6934

 20.3561, 12.9558,
44.0758

 22.9065, 16.2339,
44.5741

■ 25.9041, 20.2811,
45.1973

■ 29.3743, 25.1462,
45.9535

■ 33.3406, 30.8737,
46.8499

■ 37.8248, 37.5050,
47.8936

Harmonies

Analogous

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



8.2451, 6.2579, 67.4458



13.9624, 6.2579, 43.1198



18.3165, 6.2579, 15.8348

Triad

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



13.9624, 6.2579, 43.1198



8.5783, 6.2579, 0.0000



0.9426, 6.2579, 14.5425

Complementary

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



13.9624, 6.2579, 43.1198



18.9439, 33.6960, 5.5055

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.



0.9635, 6.2579, 2.0996



13.9624, 6.2579, 43.1198



4.1228, 6.2579, 0.0000

Square

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



13.9624, 6.2579, 43.1198



14.3072, 6.2579, 0.0000



1.7968, 6.2579, 0.0000



1.7110, 6.2579, 41.2500

Rectangle

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



13.9624, 6.2579, 43.1198



18.9650, 6.2579, 5.2379



1.7968, 6.2579, 0.0000



0.8763, 6.2579, 8.6778

Sweetspot

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



13.9628, 6.2582, 43.1200



52.2724, 44.5580, 82.2267



10.6246, 8.2305, 43.6766



10.9878, 9.0338, 18.0868



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



13.9628, 6.2582, 43.1200



24.7460, 11.0736, 77.2143



25.2989, 12.2671, 36.1959



8.5036, 8.4681, 10.6927



9.9421, 4.4611, 30.4741



0.3772, 0.1736, 0.9619

Inverse Universe

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



19.8264, 10.0781, 7.3783



35.4029, 18.0074, 12.6585



16.2058, 32.2746, 5.8243



8.6372, 8.5616, 9.5878



14.0410, 7.1340, 5.3761



0.4711, 0.2362, 0.3236

Previews

White Background



This preview shows how the XYZ color 13.9624, 6.2579, 43.1198 looks on a white background.

Color Contrast Check

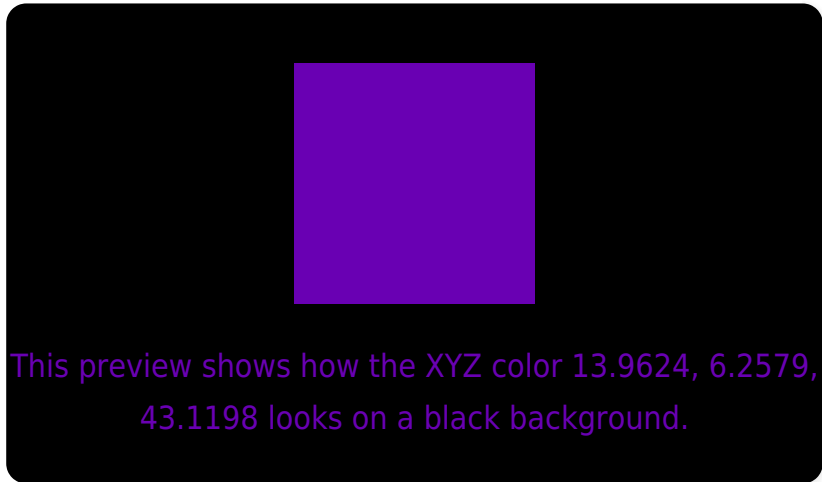
Large Text (above 18pt) WCAG AA ✓ Pass

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

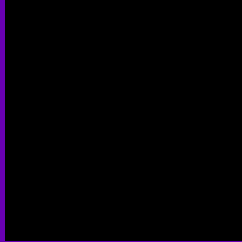
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9624, 6.2579, 43.1198

Background



This preview shows how black text looks on a background with the XYZ color 13.9624, 6.2579, 43.1198.



This preview shows how white text looks on a background with the XYZ color 13.9624, 6.2579,

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

13.9624, 6.2579, 43.1198

Protanopia

7.6781, 6.6764, 29.3178

Deuteranopia

6.4807, 6.7274, 21.3790



Tritanopia

6.9398, 6.6822, 7.5806

Trichromacy



Original Color

13.9624, 6.2579, 43.1198

Protanomaly

8.0829, 4.8269, 33.7634

Deuteranomaly

7.1227, 4.6326, 28.1225

Tritanomaly

8.1355, 5.2427, 16.2059

Monochromacy



Original Color

13.9624, 6.2579, 43.1198

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.3470, 3.3091, 11.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9624, 6.2579, 43.1198 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(105, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(105, 0, 179)  
}
```

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(105, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 0, 179) }
```

Border

The CSS property to change the border of an element to XYZ 13.9624, 6.2579, 43.1198 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(105, 0, 179) }
```


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

```
.border{ border-color:rgb(105, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(105, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(105, 0,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9624, 6.2579, 43.1198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 0, 179) }
```

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

```
.background{ background-color: rgb(105, 0,  
179) }
```

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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