

Converting Colors

XYZ(10.4439, 4.4122, 54.2732)

Have a look what the booklet for
XYZ(10.4439, 4.4122, 54.2732)
contains.

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Color

**XYZ(10.4527, 4.4114,
54.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	000DC7
RGB	0, 13, 199
RGB Percent	0%, 5%, 78%
CMY	0.9998, 0.9491, 0.2196
CMYK	1.00, 0.93, 0.00, 0.22
HSL	236°, 100%, 39%
HSV	236°, 100%, 78%
XYZ	10.4527, 4.4114, 54.3334
YIQ	30.3170, -67.4540, 55.0900

Conversions

Conversions Part 2

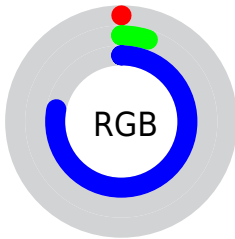
Format	Color
RYB	0, 12, 199
Decimal	3527
CIELab	24.99, 62.88, -87.97
CIELCh	25, 108.131, 305.559
Yxy	4.4114, 0.1511, 0.0638
Android (android.graphics.Color)	4278193607 (0xFF000DC7)
YUV	30.3170, 83.1607, -26.5880
Hunter-Lab	21.0033, 52.0780, -138.6746

Details

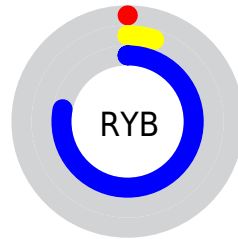
The XYZ color **10.4527, 4.4114, 54.3334** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **41.1227, 47.2808, 6.9598**, and the grayscale version is **1.2050, 1.2678, 1.3806**.

A 20% lighter version of the original color is **25.8260, 14.2973, 96.0062**, and **4.9579, 1.9832, 26.1081** is the 20% darker color. If you saturate the color by 10%, you get **10.4522, 4.4102, 54.3334**, and if you desaturate by 10%, it is **11.1018, 5.2830, 54.4676**.

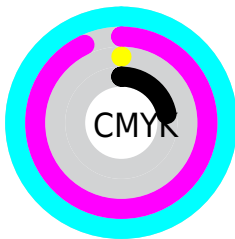
Distribution



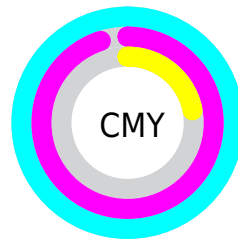
- Red (0%)
- Green (5%)
- Blue (78%)



- Red (0%)
- Yellow (5%)
- Blue (78%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (95%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4527, 4.4114, 54.3334 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 10.4527, 4.4114, 54.3334 by changing the saturation by 10% instead.

■ 10.4527, 4.4114,
54.3334

■ 10.4527, 4.4114,
54.3334

187.8601,
143.9840, 420.5906

■ 5.7647, 1.9063,
38.4733

■ 26.2856, 14.5327,
98.0249

■ 2.7418, 0.5521,
26.0455

■ 38.1612, 22.9176,
126.6934

■ 1.0187, 0.0000,
16.6316

■ 53.1633, 34.0313,
160.4684

■ 0.0000, 0.0000,
9.8130

■ 71.6574, 48.2580,
199.7686

■ 0.0000, 0.0000,
5.1712

■ 94.0088, 65.9823,
245.0123

■ 0.0000, 0.0000,
2.2876

■ 120.5828, 87.5884,

■ 0.0000, 0.0000,

296.6182

0.7242


 151.7448,
113.4609, 355.0048

 0.0000, 0.0000,
0.0000

 10.4527, 4.4114,
54.3334


 10.4527, 4.4114,
54.3334


 10.4522, 4.4102,
54.3334

 11.1018, 5.2830,
54.4676

 12.3268, 6.8697,
54.7093

 14.2727, 9.3083,
55.0775

 17.0281, 12.6961,
55.5861

 20.6690, 17.1175,
56.2477

■ 25.2624, 22.6473,
57.0729

■ 30.8690, 29.3536,
58.0719

■ 37.5444, 37.2988,
59.2536

■ 45.3401, 46.5411,
60.6267

Harmonies

Analogous

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



4.9837, 4.4114, 77.1360



10.4527, 4.4114, 54.3334



15.8326, 4.4114, 20.9210

Triad

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



10.4527, 4.4114, 54.3334



8.2532, 4.4114, 0.0000



0.0020, 4.4114, 7.2712

Complementary

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



10.4527, 4.4114, 54.3334



41.1227, 47.2808, 6.9598

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.



0.2261, 4.4114, 0.0000



10.4527, 4.4114, 54.3334



3.4905, 4.4114, 0.0000

Square

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



10.4527, 4.4114, 54.3334



14.0922, 4.4114, 0.0000



1.1202, 4.4114, 0.0000



0.4818, 4.4114, 32.4194

Rectangle

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



10.4527, 4.4114, 54.3334



17.5052, 4.4114, 6.7210



1.1202, 4.4114, 0.0000



0.0000, 4.4114, 3.2902

Sweetspot

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



10.4531, 4.4114, 54.3336



53.5576, 50.8094, 101.5922



29.2589, 44.3812, 53.3318



10.5246, 9.7536, 21.5779



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



10.4531, 4.4114, 54.3336



18.2443, 7.6086, 95.1148



14.1706, 6.1150, 54.4665



10.1112, 10.3965, 13.3913



6.7442, 2.8823, 34.9452



0.3391, 0.1760, 1.6612

Inverse Universe

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



23.6263, 12.1720, 1.4846



41.3381, 21.2992, 2.4464



27.2060, 44.3435, 7.1264



10.6614, 10.6479, 11.2002



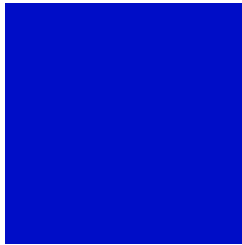
15.2035, 7.8310, 1.0155



0.7299, 0.3748, 0.1006

Previews

White Background



This preview shows how the XYZ color 10.4527, 4.4114, 54.3334 looks on a white background.

Color Contrast Check

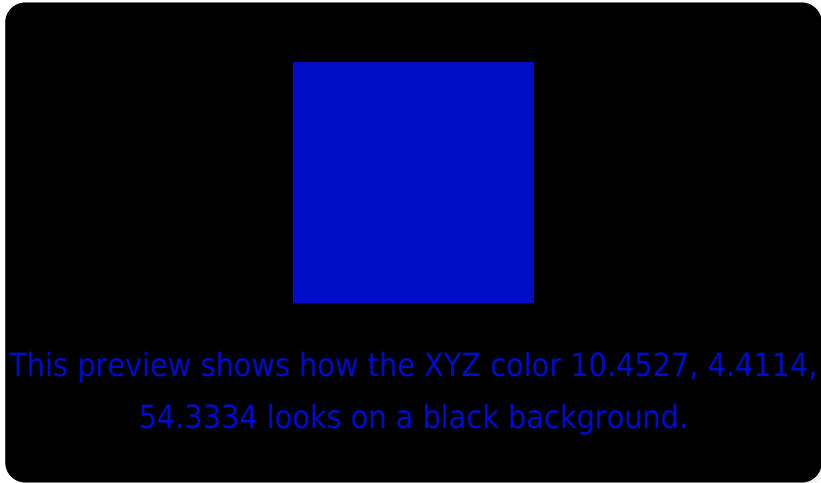
Large Text (above 18pt) WCAG AA ✓ Pass

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

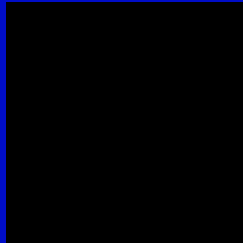
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4527, 4.4114, 54.3334

Background



This preview shows how black text looks on a background with the XYZ color 10.4527, 4.4114, 54.3334.



This preview shows how white text looks on a background with the XYZ color 10.4527, 4.4114,

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

10.4527, 4.4114, 54.3334

Protanopia

5.1391, 4.5580, 19.3478

Deuteranopia

4.2762, 4.5545, 13.7504



Tritanopia

3.2045, 4.5892, 6.6781

Trichromacy



Original Color

10.4527, 4.4114, 54.3334

Protanomaly

6.4139, 3.8903, 29.6910

Deuteranomaly

5.5986, 3.7409, 24.8531

Tritanomaly

4.3270, 3.4219, 17.5720

Monochromacy



Original Color

10.4527, 4.4114, 54.3334

Achromatopsia

1.2340, 1.2983, 1.4139

Achromatomaly

2.4835, 1.5470, 10.0652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4527, 4.4114, 54.3334 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(0, 13, 199)` looks like.

```
.text, #text, p{  
  color:rgb(0, 13, 199)  
}
```

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(0, 13, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 199) }
```

Border

The CSS property to change the border of an element to XYZ 10.4527, 4.4114, 54.3334 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(0, 13, 199) }
```


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

```
.border{ border-color:rgb(0, 13, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 199)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4527, 4.4114, 54.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 199) }
```

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

```
.background{ background-color: rgb(0, 13,  
199) }
```

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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