

Converting Colors

XYZ(10.2768, 4.4286, 53.1369)

Have a look what the booklet for
XYZ(10.2768, 4.4286, 53.1369)
contains.

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Color

**XYZ(10.2785, 4.4321,
53.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	0011C5
RGB	0, 17, 197
RGB Percent	0%, 7%, 77%
CMY	0.9998, 0.9334, 0.2274
CMYK	1.00, 0.91, 0.00, 0.23
HSL	235°, 100%, 39%
HSV	235°, 100%, 77%
XYZ	10.2785, 4.4321, 53.1371
YIQ	32.4370, -67.9120, 52.3760

Conversions

Conversions Part 2

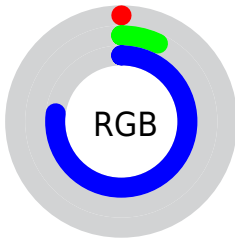
Format	Color
RYB	0, 16, 197
Decimal	4549
CIELab	25.05, 61.27, -86.68
CIELCh	25, 106.150, 305.253
Yxy	4.4321, 0.1515, 0.0653
Android (android.graphics.Color)	4278194629 (0xFF0011C5)
YUV	32.4370, 81.1296, -28.4472
Hunter-Lab	21.0526, 50.3072, -134.9125

Details

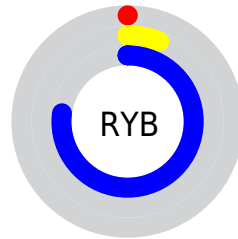
The XYZ color **10.2785, 4.4321, 53.1371** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **39.3586, 44.5350, 6.5230**, and the grayscale version is **1.3520, 1.4224, 1.5490**.

A 20% lighter version of the original color is **25.9491, 14.5434, 96.0472**, and **4.8077, 1.9231, 25.3171** is the 20% darker color. If you saturate the color by 10%, you get **10.2778, 4.4306, 53.1370**, and if you desaturate by 10%, it is **10.9623, 5.3790, 53.2840**.

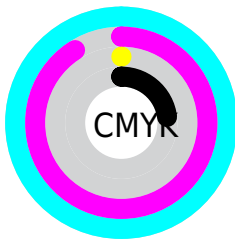
Distribution



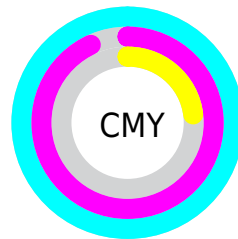
- Red (0%)
- Green (7%)
- Blue (77%)



- Red (0%)
- Yellow (6%)
- Blue (77%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (93%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2785, 4.4321, 53.1371 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 10.2785, 4.4321, 53.1371 by changing the saturation by 10% instead.

■ 10.2785, 4.4321,
53.1371

■ 10.2785, 4.4321,
53.1371

186.6608,
144.1952, 415.8921

■ 5.6477, 1.9181,
37.5238

■ 25.9630, 14.5785,
96.2497

■ 2.6707, 0.5592,
25.3143

■ 37.7473, 22.9797,
124.5860

■ 0.9821, 0.0000,
16.0902

■ 52.6469, 34.1120,
158.0003

■ 0.0000, 0.0000,
9.4330

■ 71.0271, 48.3599,
196.9113

■ 0.0000, 0.0000,
4.9240

■ 93.2532, 66.1078,
241.7374


■ 0.0000, 0.0000,
2.1448

■ 119.6906, 87.7401,

■ 0.0000, 0.0000,


292.8973

0.6422

 150.7047,
113.6411, 350.8093

 0.0000, 0.0000,
0.0000

 10.2785, 4.4321,
53.1371


 10.2785, 4.4321,
53.1371


 10.2778, 4.4306,
53.1370

 10.9623, 5.3790,
53.2840

 12.2048, 7.0175,
53.5348

 14.1438, 9.4725,
53.9065

 16.8628, 12.8332,
54.4118

 20.4332, 17.1768,
55.0620

■ 24.9186, 22.5722,
55.8671

■ 30.3763, 29.0822,
56.8360

■ 36.8588, 36.7645,
57.9771

■ 44.4152, 45.6731,
59.2984

Harmonies

Analogous

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



4.9455, 4.4321, 74.8130



10.2785, 4.4321, 53.1371



15.5301, 4.4321, 20.8157

Triad

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



10.2785, 4.4321, 53.1371



8.2500, 4.4321, 0.0000



0.0556, 4.4321, 7.0990

Complementary

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



10.2785, 4.4321, 53.1371



39.3586, 44.5350, 6.5230

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.



0.2826, 4.4321, 0.0000



10.2785, 4.4321, 53.1371



3.5559, 4.4321, 0.0000

Square

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



10.2785, 4.4321, 53.1371



13.9319, 4.4321, 0.0000



1.1770, 4.4321, 0.0000



0.5199, 4.4321, 31.3365

Rectangle

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



10.2785, 4.4321, 53.1371



17.1851, 4.4321, 6.8550



1.1770, 4.4321, 0.0000



0.0536, 4.4321, 3.2427

Sweetspot

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



10.2789, 4.4321, 53.1373



53.8912, 51.4765, 101.7033



27.9331, 43.1194, 48.6050



10.6003, 9.9051, 21.6031



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.



10.2789, 4.4321, 53.1373



18.3358, 7.7915, 95.1453



13.2886, 5.6870, 53.2209



10.1288, 10.4317, 13.3972



6.7864, 2.9667, 34.9593



0.3472, 0.1922, 1.6639

Inverse Universe

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



23.1276, 11.9118, 1.6101



41.3842, 21.3177, 2.6896



27.4674, 43.7996, 7.0077



10.6703, 10.6515, 11.2471



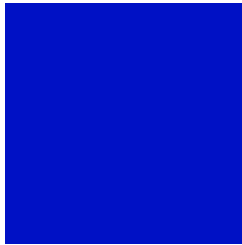
15.2248, 7.8395, 1.1277



0.7340, 0.3764, 0.1222

Previews

White Background



This preview shows how the XYZ color 10.2785, 4.4321, 53.1371 looks on a white background.

Color Contrast Check

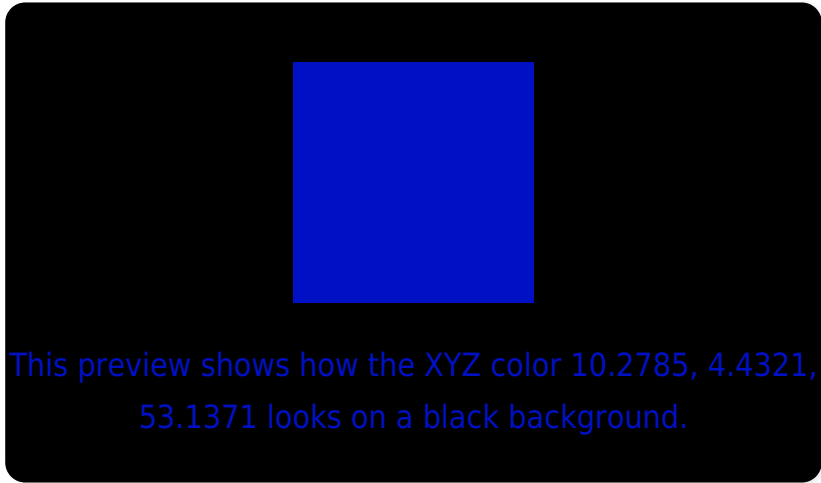
Large Text (above 18pt) WCAG AA ✓ Pass

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

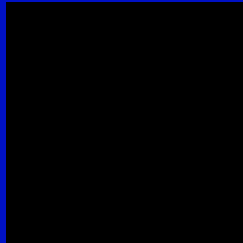
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2785, 4.4321, 53.1371

Background



This preview shows how black text looks on a background with the XYZ color 10.2785, 4.4321, 53.1371.



This preview shows how white text looks on a background with the XYZ color 10.2785, 4.4321,

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

10.2785, 4.4321, 53.1371

Protanopia

5.1391, 4.5580, 19.3478

Deuteranopia

4.2762, 4.5545, 13.7504



Tritanopia

3.2045, 4.5892, 6.6781

Trichromacy



Original Color

10.2785, 4.4321, 53.1371

Protanomaly

6.4057, 4.0034, 29.2893

Deuteranomaly

5.5644, 3.7890, 24.4828

Tritanomaly

4.3092, 3.4810, 17.2744

Monochromacy



Original Color

10.2785, 4.4321, 53.1371

Achromatopsia

1.3729, 1.4444, 1.5729

Achromatomaly

2.6122, 1.7053, 10.3167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2785, 4.4321, 53.1371 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, 17, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 17, 197)  
}
```

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, 17, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 17, 197) }
```

Border

The CSS property to change the border of an element to XYZ 10.2785, 4.4321, 53.1371 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, 17, 197) }
```


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

```
.border{ border-color:rgb(0, 17, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 17, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 17, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 17, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 17, 197)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2785, 4.4321, 53.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 17, 197) }
```

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

```
.background{ background-color: rgb(0, 17,  
197) }
```

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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