

Converting Colors

XYZ(10.7492, 4.6144, 55.6342)

Have a look what the booklet for
XYZ(10.7492, 4.6144, 55.6342)
contains.

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Color

**XYZ(10.7431, 4.6179,
55.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	0011C9
RGB	0, 17, 201
RGB Percent	0%, 7%, 79%
CMY	0.9998, 0.9334, 0.2118
CMYK	1.00, 0.92, 0.00, 0.21
HSL	235°, 100%, 39%
HSV	235°, 100%, 79%
XYZ	10.7431, 4.6179, 55.5835
YIQ	32.8930, -69.1960, 53.6200

Conversions

Conversions Part 2

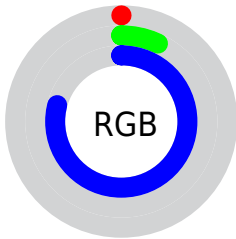
Format	Color
RYB	0, 16, 201
Decimal	4553
CIELab	25.62, 62.37, -88.09
CIElCh	26, 107.931, 305.298
Yxy	4.6179, 0.1514, 0.0651
Android (android.graphics.Color)	4278194633 (0xFF0011C9)
YUV	32.8930, 82.8768, -28.8472
Hunter-Lab	21.4893, 51.6309, -138.3150

Details

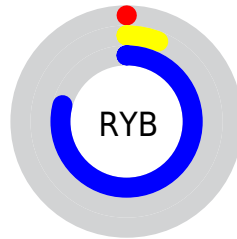
The XYZ color **10.7431, 4.6179, 55.5835** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **41.2414, 46.7250, 6.8466**, and the grayscale version is **1.3835, 1.4555, 1.5851**.

A 20% lighter version of the original color is **26.1289, 14.7297, 96.0737**, and **5.1108, 2.0443, 26.9133** is the 20% darker color. If you saturate the color by 10%, you get **10.7422, 4.6161, 55.5834**, and if you desaturate by 10%, it is **11.4469, 5.5927, 55.7348**.

Distribution



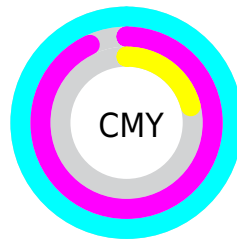
- Red (0%)
- Green (7%)
- Blue (79%)



- Red (0%)
- Yellow (6%)
- Blue (79%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (93%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7431, 4.6179, 55.5835 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 10.7431, 4.6179, 55.5835 by changing the saturation by 10% instead.

■ 10.7431, 4.6179,
55.5835

■ 10.7431, 4.6179,
55.5835

189.8414,
146.0710, 425.4641

■ 5.9604, 2.0249,
39.4673

■ 26.8213, 14.9876,
99.8751

■ 2.8614, 0.6219,
26.8129

■ 38.8475, 23.5330,
128.8875

■ 1.0809, 0.0000,
17.2015

■ 54.0189, 34.8314,
163.0358

■ 0.0091, 0.0000,
10.2148

■ 72.7009, 49.2671,
202.7386

■ 0.0000, 0.0000,
5.4341

■ 95.2587, 67.2245,
248.4142


■ 0.0000, 0.0000,
2.4410


■ 122.0579, 89.0880,


■ 0.0000, 0.0000,

300.4813

0.8087

 153.4636,
115.2421, 359.3584

 0.0000, 0.0000,
0.0000

 10.7431, 4.6179,
55.5835


 10.7431, 4.6179,
55.5835


 10.7422, 4.6161,
55.5834

 11.4469, 5.5927,
55.7348

 12.7373, 7.2929,
55.9949

 14.7580, 9.8499,
56.3820

 17.5970, 13.3580,
56.9095

 21.3297, 17.8987,
57.5892

■ 26.0230, 23.5449,
58.4317

■ 31.7372, 30.3629,
59.4465

■ 38.5279, 38.4135,
60.6425

■ 46.4465, 47.7536,
62.0280

Harmonies

Analogous

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



5.1621, 4.6179, 78.3531



10.7431, 4.6179, 55.5835



16.2380, 4.6179, 21.7192

Triad

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



10.7431, 4.6179, 55.5835



8.6022, 4.6179, 0.0000



0.0720, 4.6179, 7.4277

Complementary

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



10.7431, 4.6179, 55.5835



41.2414, 46.7250, 6.8466

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.



0.3018, 4.6179, 0.0000



10.7431, 4.6179, 55.5835



3.6975, 4.6179, 0.0000

Square

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



10.7431, 4.6179, 55.5835



14.5502, 4.6179, 0.0000



1.2184, 4.6179, 0.0000



0.5451, 4.6179, 32.8358

Rectangle

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



10.7431, 4.6179, 55.5835



17.9662, 4.6179, 7.1268



1.2184, 4.6179, 0.0000



0.0696, 4.6179, 3.3881

Sweetspot

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



10.7435, 4.6179, 55.5837



53.8631, 51.4203, 101.6940



29.2181, 45.1061, 50.8316



10.5940, 9.8924, 21.6010



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.



10.7435, 4.6179, 55.5837



18.3273, 7.7746, 95.1424



13.8879, 5.9424, 55.6736



10.1273, 10.4288, 13.3967



6.7826, 2.9591, 34.9580



0.3465, 0.1909, 1.6637

Inverse Universe

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



24.1891, 12.4591, 1.6597



41.3800, 21.3160, 2.6671



28.7191, 45.8111, 7.3302



10.6696, 10.6512, 11.2432



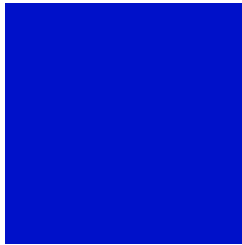
15.2229, 7.8387, 1.1175



0.7336, 0.3763, 0.1204

Previews

White Background



This preview shows how the XYZ color 10.7431, 4.6179, 55.5835 looks on a white background.

Color Contrast Check

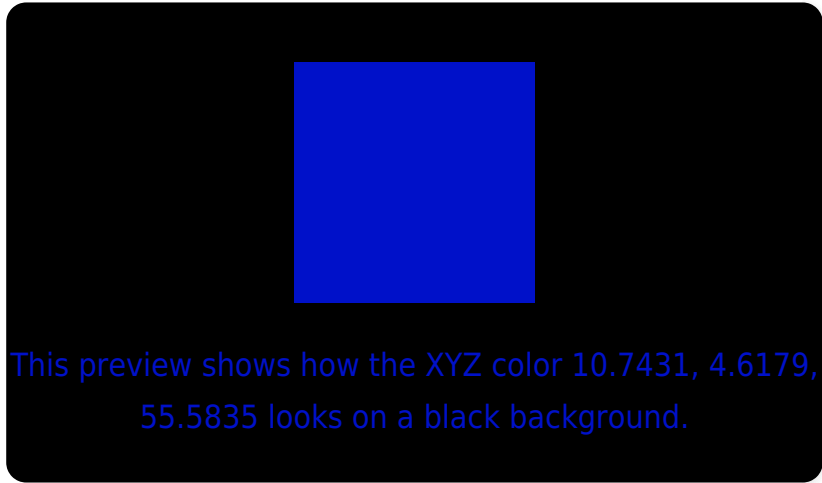
Large Text (above 18pt) WCAG AA ✓ Pass

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

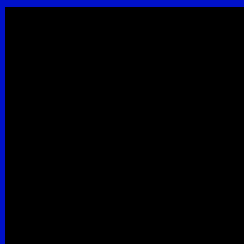
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7431, 4.6179, 55.5835

Background



This preview shows how black text looks on a background with the XYZ color 10.7431, 4.6179, 55.5835.



This preview shows how white text looks on a background with the XYZ color 10.7431, 4.6179,

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

10.7431, 4.6179, 55.5835

Protanopia

5.3175, 4.7124, 20.0314

Deuteranopia

4.4349, 4.7074, 14.3105



Tritanopia

3.2978, 4.7241, 6.8689

Trichromacy



Original Color

10.7431, 4.6179, 55.5835

Protanomaly

6.6505, 4.1013, 30.5781

Deuteranomaly

5.8242, 3.9561, 25.6559

Tritanomaly

4.4704, 3.6131, 17.9145

Monochromacy



Original Color

10.7431, 4.6179, 55.5835

Achromatopsia

1.4456, 1.5209, 1.6562

Achromatomaly

2.7216, 1.7514, 10.7843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7431, 4.6179, 55.5835 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 17, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 17, 201) }
```

Border

The CSS property to change the border of an element to XYZ 10.7431, 4.6179, 55.5835 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, 201) }
```


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

```
.border{ border-color:rgb(0, 17, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 17, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 17, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 17, 201)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7431, 4.6179, 55.5835 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, 201) }
```

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

```
.background{ background-color: rgb(0, 17,  
201) }
```

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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