

Converting Colors

XYZ(14.4578, 10.4819, 61.6477)

Have a look what the booklet for
XYZ(14.4578, 10.4819, 61.6477)
contains.

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Color

**XYZ(14.4511, 10.4883,
61.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	0051D1
RGB	0, 81, 209
RGB Percent	0%, 32%, 82%
CMY	0.9998, 0.6824, 0.1804
CMYK	1.00, 0.61, 0.00, 0.18
HSL	217°, 100%, 41%
HSV	217°, 100%, 82%
XYZ	14.4511, 10.4883, 61.5844
YIQ	71.3730, -89.3640, 22.6360

Conversions

Conversions Part 2

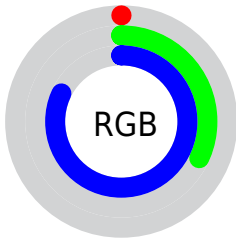
Format	Color
R_{YB}	0, 58, 209
Decimal	20945
CIE _{Lab}	38.70, 31.07, -71.08
CIE _{LCh}	39, 77.573, 293.609
Yxy	10.4883, 0.1670, 0.1212
Android (android.graphics.Color)	4278211025 (0xFF0051D1)
YUV	71.3730, 67.8501, -62.5941
Hunter-Lab	32.3856, 22.9753, -90.0757

Details

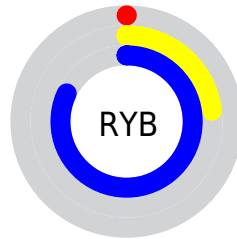
The XYZ color **14.4511, 10.4883, 61.5844** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **34.0214, 29.0083, 3.8076**, and the grayscale version is **5.9546, 6.2647, 6.8223**.

A 20% lighter version of the original color is **31.5121, 26.0100, 97.9673**, and **6.4429, 3.6861, 30.5089** is the 20% darker color. If you saturate the color by 10%, you get **14.4486, 10.4833, 61.5839**, and if you desaturate by 10%, it is **15.8021, 12.7327, 61.9467**.

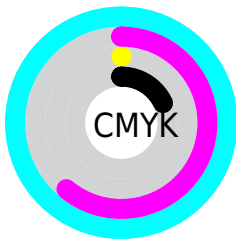
Distribution



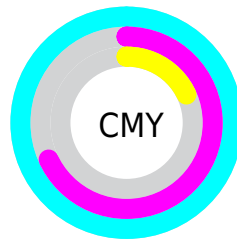
- Red (0%)
- Green (32%)
- Blue (82%)



- Red (0%)
- Yellow (23%)
- Blue (82%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (68%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4511, 10.4883, 61.5844 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 14.4511, 10.4883, 61.5844 by changing the saturation by 10% instead.

■ 14.4511, 10.4883,
61.5844

■ 14.4511, 10.4883,
61.5844

213.4743,
194.1225, 448.3792

■ 8.5189, 5.7239,
44.2634

■ 33.4669, 26.7100,
108.6904

■ 4.4833, 2.6779,
30.5389

■ 47.2813, 38.9360,
139.3124

■ 1.9790, 0.9660,
19.9925

■ 64.4537, 54.4181,
175.2052

■ 0.6221, 0.0000,
12.2055

■ 85.3495, 73.5406,
216.7873

■ 0.0000, 0.0000,
6.7596

■ 110.3341, 96.6879,
264.4772

■ 0.0000, 0.0000,
3.2360

139.7729,

■ 0.0000, 0.0000,

124.2444, 318.6935

1.2164

174.0312,
156.5945, 379.8546

■ 0.0000, 0.0000,
0.0000

■ 14.4511, 10.4883,
61.5844

■ 14.4511, 10.4883,
61.5844

■ 14.4486, 10.4833,
61.5839

■ 15.8021, 12.7327,
61.9467

■ 17.6743, 15.5260,
62.3872

■ 20.1886, 18.9434,
62.9143

■ 23.4141, 23.0327,
63.5336

■ 27.4100, 27.8356,
64.2501

■ 32.2287, 33.3900,
65.0682

■ 37.9177, 39.7306,
65.9922

■ 44.5204, 46.8899,
67.0261

■ 52.0777, 54.8982,
68.1735

Harmonies

Analogous

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



8.9132, 10.4883, 68.5455



14.4511, 10.4883, 61.5844



20.1714, 10.4883, 37.6217

Triad

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



14.4511, 10.4883, 61.5844



17.0195, 10.4883, 0.2997



3.0395, 10.4883, 8.5618

Complementary

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



14.4511, 10.4883, 61.5844



34.0214, 29.0083, 3.8076

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.



3.9611, 10.4883, 1.5331



14.4511, 10.4883, 61.5844



11.1046, 10.4883, 0.0000

Square

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



14.4511, 10.4883, 61.5844



21.9747, 10.4883, 3.4441



6.5248, 10.4883, 0.0000



3.3981, 10.4883, 26.8300

Rectangle

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



14.4511, 10.4883, 61.5844



22.7001, 10.4883, 21.3596



6.5248, 10.4883, 0.0000



3.1956, 10.4883, 5.1712

Sweetspot

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



14.4517, 10.4885, 61.5847



59.1140, 61.9222, 103.4443



26.5299, 47.0930, 27.2352



11.8065, 12.3175, 22.0052



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.



14.4517, 10.4885, 61.5847



22.4916, 16.1031, 96.5305



11.8174, 4.7635, 60.6185



11.5339, 12.1580, 14.9825



8.9976, 6.6418, 38.0003



0.5792, 0.5236, 2.1501

Inverse Universe

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



27.7804, 14.1506, 9.0515



43.4819, 22.1568, 13.7357



43.5660, 56.3061, 8.5735



11.9956, 11.8830, 13.2527



17.1723, 8.7418, 5.8135



0.9986, 0.5041, 0.5273

Previews

White Background



This preview shows how the XYZ color 14.4511, 10.4883, 61.5844 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 × Fail

Black Background



This preview shows how the XYZ color 14.4511, 10.4883, 61.5844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

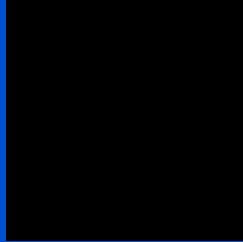
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4511, 10.4883, 61.5844

Background



This preview shows how black text looks on a background with the XYZ color 14.4511, 10.4883, 61.5844.



This preview shows how white text looks on a background with the XYZ color 14.4511, 10.4883,

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

14.4511, 10.4883, 61.5844

Protanopia

12.2467, 10.4822, 47.2767

Tritanopia

7.3075, 10.3689, 15.5262

Trichromacy



Original Color

14.4511, 10.4883, 61.5844

Protanomaly

12.9861, 10.3920, 52.3604

Tritanomaly

9.0367, 10.0190, 27.8431

Monochromacy



Original Color

14.4511, 10.4883, 61.5844

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

7.0495, 6.9705, 19.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4511, 10.4883, 61.5844 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, 81, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 209)  
}
```

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, 81, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 209) }
```

Border

The CSS property to change the border of an element to XYZ 14.4511, 10.4883, 61.5844 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, 81, 209) }
```

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

```
.border{ border-color:rgb(0, 81, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 81, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 81, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 81, 209)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.4511, 10.4883, 61.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 209) }
```

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

```
.background{ background-color: rgb(0, 81,  
209) }
```

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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