

Converting Colors

XYZ(14.4383, 14.5251, 49.0564)

Have a look what the booklet for
XYZ(14.4383, 14.5251, 49.0564)
contains.

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Color

**XYZ(14.4383, 14.5251,
49.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	006DBB
RGB	0, 109, 187
RGB Percent	0%, 43%, 73%
CMY	0.9998, 0.5725, 0.2667
CMYK	1.00, 0.42, 0.00, 0.27
HSL	205°, 100%, 37%
HSV	205°, 100%, 73%
XYZ	14.4383, 14.5251, 49.0564
YIQ	85.3010, -90.0020, 1.1500

Conversions

Conversions Part 2

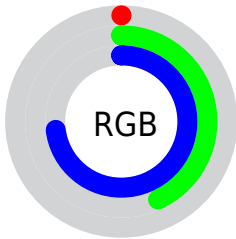
Format	Color
RYB	0, 69, 187
Decimal	28091
CIELab	44.98, 3.95, -48.19
CIELCh	45, 48.353, 274.691
Yxy	14.5251, 0.1851, 0.1862
Android (android.graphics.Color)	4278218171 (0xFF006DBB)
YUV	85.3010, 50.1376, -74.8090
Hunter-Lab	38.1118, 0.9274, -49.6381

Details

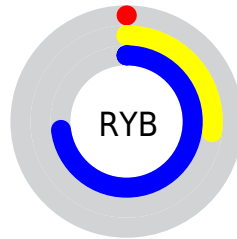
The XYZ color **14.4383, 14.5251, 49.0564** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **23.2212, 16.0196, 1.8694**, and the grayscale version is **8.6121, 9.0606, 9.8670**.

A 20% lighter version of the original color is **33.5160, 34.0529, 90.3943**, and **5.9563, 5.1387, 22.8682** is the 20% darker color. If you saturate the color by 10%, you get **14.4366, 14.5216, 49.0562**, and if you desaturate by 10%, it is **15.5715, 16.4003, 49.3590**.

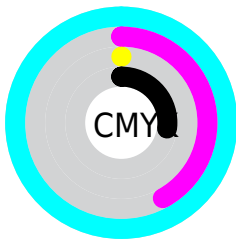
Distribution



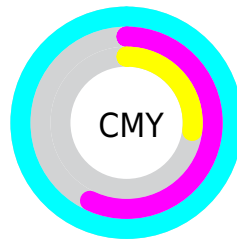
- Red (0%)
- Green (43%)
- Blue (73%)



- Red (0%)
- Yellow (27%)
- Blue (73%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4383, 14.5251, 49.0564 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 14.4383, 14.5251, 49.0564 by changing the saturation by 10% instead.

■ 14.4383, 14.5251,
49.0564

■ 14.4383, 14.5251,
49.0564

213.3972,
220.4735, 399.5932

■ 8.5099, 8.4868,
34.2983

■ 33.4445, 34.0179,
90.1571

■ 4.4774, 4.4080,
22.8436

■ 47.2531, 48.2411,
117.3367

■ 1.9756, 1.9043,
14.2739

■ 64.4190, 65.9615,
149.4940

■ 0.6202, 0.5510,
8.1705

■ 85.3077, 87.5633,
187.0474

■ 0.0000, 0.0000,
4.1149

■ 110.2845,
113.4310, 230.4154

■ 0.0000, 0.0000,
1.6886

■ 139.7148,

■ 0.0000, 0.0000,

143.9490, 280.0167

0.3529

173.9639,
179.5017, 336.2698

■ 0.0000, 0.0000,
0.0000

■ 14.4383, 14.5251,
49.0564

■ 14.4383, 14.5251,
49.0564

■ 14.4366, 14.5216,
49.0562

■ 15.5715, 16.4003,
49.3590

■ 17.0322, 18.5566,
49.6982

■ 18.9149, 21.0455,
50.0794

■ 21.2674, 23.8942,
50.5052

■ 24.1303, 27.1261,
50.9782

■ 27.5394, 30.7620,
51.5003

■ 31.5270, 34.8210,
52.0736

■ 36.1229, 39.3206,
52.6999

■ 41.3545, 44.2772,
53.3808

Harmonies

Analogous

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



10.7979, 14.5251, 44.8816



14.4383, 14.5251, 49.0564



18.6123, 14.5251, 41.3983

Triad

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



14.4383, 14.5251, 49.0564



21.0661, 14.5251, 6.3629



7.9996, 14.5251, 8.2007

Complementary

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



14.4383, 14.5251, 49.0564



23.2212, 16.0196, 1.8694

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.



9.9072, 14.5251, 3.8028



14.4383, 14.5251, 49.0564



17.3258, 14.5251, 3.1536

Square

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



14.4383, 14.5251, 49.0564



22.8771, 14.5251, 14.0969



13.1918, 14.5251, 2.5128



7.5190, 14.5251, 17.6682

Rectangle

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



14.4383, 14.5251, 49.0564



21.0038, 14.5251, 32.0777



13.1918, 14.5251, 2.5128



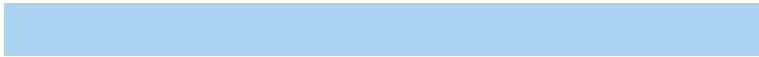
8.4745, 14.5251, 6.2586

Sweetspot

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



14.4389, 14.5255, 49.0568



56.0763, 61.9764, 93.2085



19.1440, 36.0904, 13.1538



11.6591, 12.9529, 20.4282



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



14.4389, 14.5255, 49.0568



25.6164, 25.5294, 87.7789



9.1500, 3.9476, 47.2938



9.4659, 10.1241, 12.1274



10.0195, 10.1507, 33.8241



0.4557, 0.5241, 1.3460

Inverse Universe

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



23.2545, 11.6699, 15.4950



41.5251, 20.8500, 27.1063



35.1364, 39.8500, 5.8411



9.7570, 9.6271, 11.1094



16.0581, 8.0544, 10.8656



0.6609, 0.3283, 0.5937

Previews

White Background



This preview shows how the XYZ color 14.4383, 14.5251, 49.0564 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 14.4383, 14.5251, 49.0564 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 14.4383, 14.5251, 49.0564

Background



This preview shows how black text looks on a background with the XYZ color 14.4383, 14.5251, 49.0564.



This preview shows how white text looks on a background with the XYZ color 14.4383, 14.5251,

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

14.4383, 14.5251, 49.0564

Protanopia

16.0663, 14.6557, 46.2380

Deuteranopia

14.9919, 14.6531, 49.0519



Tritanopia

10.2443, 14.4632, 21.9904

Trichromacy



Original Color

14.4383, 14.5251, 49.0564

Protanomaly

14.9325, 14.3496, 47.3301

Deuteranomaly

14.6631, 14.4836, 49.0365

Tritanomaly

11.4760, 14.3996, 30.1915

Monochromacy



Original Color

14.4383, 14.5251, 49.0564

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.0369, 10.1948, 19.9039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4383, 14.5251, 49.0564 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, 109, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 187)  
}
```

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, 109, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 187) }
```

Border

The CSS property to change the border of an element to XYZ 14.4383, 14.5251, 49.0564 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, 109, 187) }
```


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

```
.border{ border-color:rgb(0, 109, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4383, 14.5251, 49.0564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 187) }
```

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

```
.background{ background-color: rgb(0, 109,  
187) }
```

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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