

Converting Colors

XYZ(17.4645, 14.4078, 69.0856)

Have a look what the booklet for
XYZ(17.4645, 14.4078, 69.0856)
contains.

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Color

**XYZ(17.4399, 14.4218,
68.8823)**

Conversions

Conversions Part 1

Format	Color
Hex	0065DB
RGB	0, 101, 219
RGB Percent	0%, 40%, 86%
CMY	0.9998, 0.6039, 0.1412
CMYK	1.00, 0.54, 0.00, 0.14
HSL	212°, 100%, 43%
HSV	212°, 100%, 86%
XYZ	17.4399, 14.4218, 68.8823
YIQ	84.2530, -98.0740, 15.2860

Conversions

Conversions Part 2

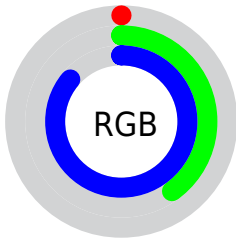
Format	Color
R _{YB}	0, 69, 219
Decimal	26075
CIE _{Lab}	44.83, 21.92, -66.81
CIE _{LCh}	45, 70.311, 288.162
Yxy	14.4218, 0.1731, 0.1432
Android (android.graphics.Color)	4278216155 (0xFF0065DB)
YUV	84.2530, 66.4303, -73.8899
Hunter-Lab	37.9760, 15.5152, -80.9591

Details

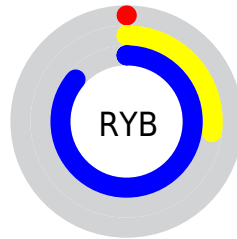
The XYZ color **17.4399, 14.4218, 68.8823** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **35.6996, 28.0316, 3.5308**, and the grayscale version is **8.3645, 8.8001, 9.5833**.

A 20% lighter version of the original color is **34.7101, 32.2368, 99.0006**, and **8.0250, 5.4727, 35.2837** is the 20% darker color. If you saturate the color by 10%, you get **17.4367, 14.4154, 68.8816**, and if you desaturate by 10%, it is **18.9994, 17.0509, 69.3080**.

Distribution



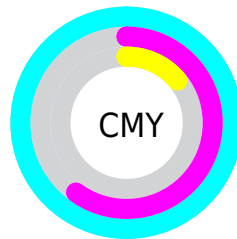
- Red (0%)
- Green (40%)
- Blue (86%)



- Red (0%)
- Yellow (27%)
- Blue (86%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (60%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4399, 14.4218, 68.8823 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 17.4399, 14.4218, 68.8823 by changing the saturation by 10% instead.

■ 17.4399, 14.4218,
68.8823

■ 17.4399, 14.4218,
68.8823

230.8019,
219.8393, 475.2984

■ 10.6459, 8.4146,
50.1447

■ 38.6182, 33.8356,
119.2796

■ 5.8948, 4.3614,
35.1564

■ 53.7332, 48.0110,
151.7763

■ 2.8212, 1.8777,
23.4989

■ 72.3525, 65.6779,
189.6965

■ 1.0600, 0.5349,
14.7535

■ 94.8415, 87.2208,
233.4587

■ 0.0000, 0.0000,
8.5019

■ 121.5656,
113.0240, 283.4815

■ 0.0000, 0.0000,
4.3254

152.8902,

■ 0.0000, 0.0000,

143.4718, 340.1833

1.8055

189.1805,
178.9488, 403.9828

■ 0.0000, 0.0000,
0.4316

■ 0.0000, 0.0000,
0.0000

■ 17.4399, 14.4218,
68.8823

■ 17.4399, 14.4218,
68.8823

■ 17.4367, 14.4154,
68.8816

■ 18.9994, 17.0509,
69.3080

■ 21.1028, 20.2146,
69.8078

■ 23.8789, 23.9884,
70.3898

■ 27.4020, 28.4194,
71.0594

■ 31.7358, 33.5486,
71.8211

■ 36.9361, 39.4131,
72.6789

■ 43.0536, 46.0465,
73.6369

■ 50.1348, 53.4802,
74.6985

■ 58.2229, 61.7436,
75.8672

Harmonies

Analogous

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



11.5675, 14.4218, 71.3268



17.4399, 14.4218, 68.8823



23.6735, 14.4218, 47.5915

Triad

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



17.4399, 14.4218, 68.8823



22.4569, 14.4218, 1.9693



5.4997, 14.4218, 10.0743

Complementary

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



17.4399, 14.4218, 68.8823



35.6996, 28.0316, 3.5308

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.



7.0240, 14.4218, 2.6532



17.4399, 14.4218, 68.8823



16.0964, 14.4218, 0.5929

Square

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



17.4399, 14.4218, 68.8823



27.0815, 14.4218, 7.7729



10.5496, 14.4218, 0.7333



5.6727, 14.4218, 27.7467

Rectangle

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



17.4399, 14.4218, 68.8823



26.7023, 14.4218, 30.6234



10.5496, 14.4218, 0.7333



5.8082, 14.4218, 6.6413

Sweetspot

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



17.4406, 14.4222, 68.8827



60.5132, 64.7206, 103.9107



28.5332, 51.9440, 25.2991



12.1350, 12.9745, 22.1147



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.



17.4406, 14.4222, 68.8827



24.4772, 20.0744, 97.1924



12.8790, 5.1633, 67.3360



12.8309, 13.6015, 16.6012



10.4461, 8.7617, 40.8790



0.7623, 0.7388, 2.6769

Inverse Universe

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



31.5632, 16.0010, 13.7367



44.4842, 22.5577, 19.0135



52.3977, 64.6163, 9.7123



13.3045, 13.1509, 14.8648



18.7681, 9.5083, 8.4246



1.2591, 0.6333, 0.7732

Previews

White Background



This preview shows how the XYZ color 17.4399, 14.4218, 68.8823 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 17.4399, 14.4218, 68.8823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

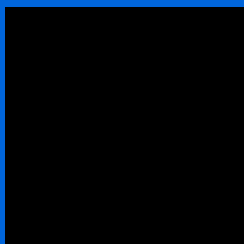
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4399, 14.4218, 68.8823

Background



This preview shows how black text looks on a background with the XYZ color 17.4399, 14.4218, 68.8823.



This preview shows how white text looks on a background with the XYZ color 17.4399, 14.4218,

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

17.4399, 14.4218, 68.8823

Protanopia

17.1460, 14.4606, 66.8532

Deuteranopia

14.3322, 14.3130, 49.0210



Tritanopia

10.0630, 14.2032, 21.6132

Trichromacy



Original Color

17.4399, 14.4218, 68.8823

Protanomaly

17.2758, 14.5125, 67.5363

Deuteranomaly

15.3604, 14.2267, 55.9693

Tritanomaly

11.9424, 13.8721, 34.8490

Monochromacy



Original Color

17.4399, 14.4218, 68.8823

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.3580, 9.7627, 23.5815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4399, 14.4218, 68.8823 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, 101, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 219)  
}
```

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, 101, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 219) }
```

Border

The CSS property to change the border of an element to XYZ 17.4399, 14.4218, 68.8823 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, 101, 219) }
```


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

```
.border{ border-color:rgb(0, 101, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4399, 14.4218, 68.8823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 219) }
```

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

```
.background{ background-color: rgb(0, 101,  
219) }
```

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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