

Converting Colors

XYZ(14.0208, 14.2658, 47.1425)

Have a look what the booklet for
XYZ(14.0208, 14.2658, 47.1425)
contains.

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Color

**XYZ(14.0143, 14.1858,
47.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	006CB8
RGB	0, 108, 184
RGB Percent	0%, 42%, 72%
CMY	0.9998, 0.5765, 0.2784
CMYK	1.00, 0.41, 0.00, 0.28
HSL	205°, 100%, 36%
HSV	205°, 100%, 72%
XYZ	14.0143, 14.1858, 47.3469
YIQ	84.3720, -88.7640, 0.7400

Conversions

Conversions Part 2

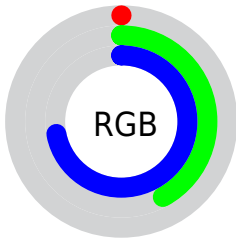
Format	Color
RYB	0, 68, 184
Decimal	27832
CIELab	44.50, 3.38, -47.21
CIELCh	44, 47.335, 274.095
Yxy	14.1858, 0.1855, 0.1878
Android (android.graphics.Color)	4278217912 (0xFF006CB8)
YUV	84.3720, 49.1166, -73.9942
Hunter-Lab	37.6640, 0.5055, -48.1677

Details

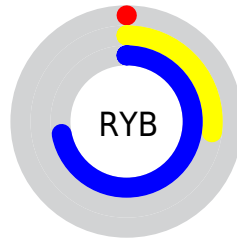
The XYZ color **14.0143, 14.1858, 47.3469** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **22.3546, 15.3647, 1.7886**, and the grayscale version is **8.4209, 8.8595, 9.6480**.

A 20% lighter version of the original color is **32.7895, 33.4743, 87.9521**, and **5.6980, 4.9492, 21.7741** is the 20% darker color. If you saturate the color by 10%, you get **14.0127, 14.1826, 47.3467**, and if you desaturate by 10%, it is **15.1092, 15.9928, 47.6383**.

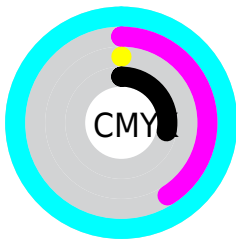
Distribution



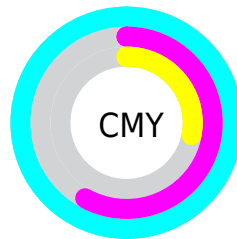
- Red (0%)
- Green (42%)
- Blue (72%)



- Red (0%)
- Yellow (27%)
- Blue (72%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (58%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0143, 14.1858, 47.3469 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 14.0143, 14.1858, 47.3469 by changing the saturation by 10% instead.

■ 14.0143, 14.1858,
47.3469

■ 14.0143, 14.1858,
47.3469

210.8286,
218.3837, 392.6313

■ 8.2124, 8.2500,
32.9537

■ 32.7005, 33.4183,
87.5866

■ 4.2841, 4.2553,
21.8201

■ 46.3154, 47.4839,
114.2702

■ 1.8641, 1.8174,
13.5277

■ 63.2654, 65.0281,
145.8876

■ 0.5558, 0.4980,
7.6580

■ 83.9158, 86.4354,
182.8574

■ 0.0000, 0.0000,
3.7923

■ 108.6320,
112.0903, 225.5981

■ 0.0000, 0.0000,
1.5121

■ 137.7792,

■ 0.0000, 0.0000,

142.3770, 274.5283

0.2269

171.7230,
177.6800, 330.0665

■ 0.0000, 0.0000,
0.0000

■ 14.0143, 14.1858,
47.3469

■ 14.0143, 14.1858,
47.3469

■ 14.0127, 14.1826,
47.3467

■ 15.1092, 15.9928,
47.6383

■ 16.5172, 18.0676,
47.9646

■ 18.3306, 20.4601,
48.3308

■ 20.5951, 23.1962,
48.7396

■ 23.3495, 26.2984,
49.1932

■ 26.6283, 29.7866,
49.6937

■ 30.4625, 33.6790,
50.2429

■ 34.8805, 37.9924,
50.8426

■ 39.9089, 42.7424,
51.4944

Harmonies

Analogous

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



10.5230, 14.1858, 43.1330



14.0143, 14.1858, 47.3469



18.0321, 14.1858, 40.2234

Triad

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



14.0143, 14.1858, 47.3469



20.5233, 14.1858, 6.4026



7.8982, 14.1858, 7.9601

Complementary

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



14.0143, 14.1858, 47.3469



22.3546, 15.3647, 1.7886

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.



9.7719, 14.1858, 3.7565



14.0143, 14.1858, 47.3469



16.9521, 14.1858, 3.2013

Square

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



14.0143, 14.1858, 47.3469



22.2129, 14.1858, 13.9925



12.9656, 14.1858, 2.5329



7.4055, 14.1858, 16.9967

Rectangle

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



14.0143, 14.1858, 47.3469



20.3478, 14.1858, 31.3509



12.9656, 14.1858, 2.5329



8.3675, 14.1858, 6.1048

Sweetspot

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



14.0149, 14.1862, 47.3473



54.8320, 60.6645, 91.0241



18.3645, 34.7708, 12.1558



11.1716, 12.4256, 19.5312



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



14.0149, 14.1862, 47.3473



25.1604, 25.2270, 85.7478



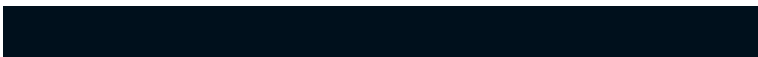
8.8757, 3.9078, 45.6342



8.9472, 9.5717, 11.4554



9.7285, 9.9166, 32.6544



0.4024, 0.4685, 1.1710

Inverse Universe

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



22.4745, 11.2740, 15.1791



40.6168, 20.3862, 26.8662



33.3319, 37.3193, 5.4477



9.2197, 9.0982, 10.5044



15.5242, 7.7834, 10.6469



0.5773, 0.2864, 0.5334

Previews

White Background



This preview shows how the XYZ color 14.0143, 14.1858, 47.3469 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 14.0143, 14.1858, 47.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

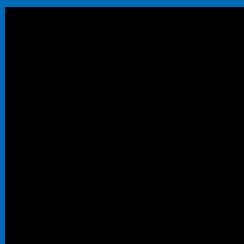
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0143, 14.1858, 47.3469

Background



This preview shows how black text looks on a background with the XYZ color 14.0143, 14.1858, 47.3469.



This preview shows how white text looks on a background with the XYZ color 14.0143, 14.1858,

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

14.0143, 14.1858, 47.3469

Protanopia

15.5605, 14.1351, 44.5560

Deuteranopia

14.5687, 14.1621, 47.3131



Tritanopia

10.0630, 14.2032, 21.6132

Trichromacy



Original Color

14.0143, 14.1858, 47.3469

Protanomaly

14.4175, 13.8177, 45.6233

Deuteranomaly

14.2861, 14.1703, 47.3296

Tritanomaly

11.2056, 14.1100, 29.3270

Monochromacy



Original Color

14.0143, 14.1858, 47.3469

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.7727, 9.9417, 19.2259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0143, 14.1858, 47.3469 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, 108, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 184)  
}
```

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, 108, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 184) }
```

Border

The CSS property to change the border of an element to XYZ 14.0143, 14.1858, 47.3469 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, 108, 184) }
```


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

```
.border{ border-color:rgb(0, 108, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0143, 14.1858, 47.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 184) }
```

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

```
.background{ background-color: rgb(0, 108,  
184) }
```

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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