

Converting Colors

XYZ(13.3358, 13.5615, 52.9688)

Have a look what the booklet for
XYZ(13.3358, 13.5615, 52.9688)
contains.

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Color

**XYZ(14.9953, 14.4104,
53.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	006BC2
RGB	0, 107, 194
RGB Percent	0%, 42%, 76%
CMY	0.9998, 0.5804, 0.2392
CMYK	1.00, 0.45, 0.00, 0.24
HSL	207°, 100%, 38%
HSV	207°, 100%, 76%
XYZ	14.9953, 14.4104, 53.0301
YIQ	84.9250, -91.6990, 4.3730

Conversions

Conversions Part 2

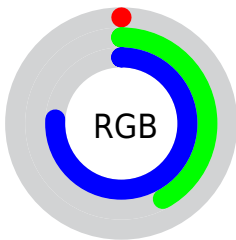
Format	Color
RYB	0, 69, 194
Decimal	27586
CIELab	44.82, 8.04, -52.50
CIELCh	45, 53.113, 278.702
Yxy	14.4104, 0.1819, 0.1748
Android (android.graphics.Color)	4278217666 (0xFF006BC2)
YUV	84.9250, 53.7740, -74.4792
Hunter-Lab	37.9610, 4.0789, -56.2531

Details

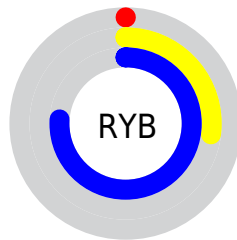
The XYZ color **14.9953, 14.4104, 53.0301** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **25.6602, 18.2928, 2.1797**, and the grayscale version is **8.5267, 8.9708, 9.7692**.

A 20% lighter version of the original color is **34.4633, 33.9056, 95.9948**, and **6.4024, 5.2309, 25.4832** is the 20% darker color. If you saturate the color by 10%, you get **14.9934, 14.4065, 53.0298**, and if you desaturate by 10%, it is **16.2261, 16.4603, 53.3612**.

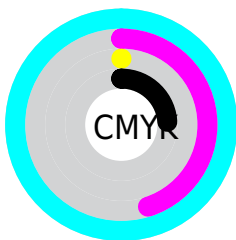
Distribution



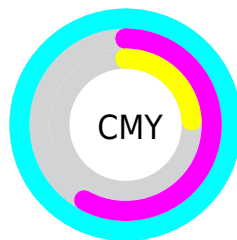
- Red (0%)
- Green (42%)
- Blue (76%)



- Red (0%)
- Yellow (27%)
- Blue (76%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9953, 14.4104, 53.0301 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 14.9953, 14.4104, 53.0301 by changing the saturation by 10% instead.

■ 14.9953, 14.4104,
53.0301

■ 14.9953, 14.4104,
53.0301

216.7267,
219.7692, 415.4702

■ 8.9024, 8.4067,
37.4389

■ 34.4167, 33.8155,
96.0907

■ 4.7342, 4.3562,
25.2491

■ 48.4758, 47.9856,
124.3971

■ 2.1253, 1.8748,
16.0420

■ 65.9211, 65.6466,
157.7790

■ 0.7029, 0.5331,
9.3992

■ 87.1178, 87.1829,
196.6550

■ 0.0000, 0.0000,
4.9021

■ 112.4314,
112.9790, 241.4436

■ 0.0000, 0.0000,
2.1322

■ 142.2272,

■ 0.0000, 0.0000,

143.4191, 292.5633

0.6348

176.8705,
178.8877, 350.4326

■ 0.0000, 0.0000,
0.0000

■ 14.9953, 14.4104,
53.0301

■ 14.9953, 14.4104,
53.0301

■ 14.9934, 14.4065,
53.0298

■ 16.2261, 16.4603,
53.3612

■ 17.8268, 18.8402,
53.7362

■ 19.8988, 21.6061,
54.1609

■ 22.4949, 24.7887,
54.6384

■ 25.6599, 28.4147,
55.1715

■ 29.4338, 32.5078,
55.7626

■ 33.8523, 37.0897,
56.4141

■ 38.9483, 42.1805,
57.1281

■ 44.7524, 47.7988,
57.9067

Harmonies

Analogous

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



10.8898, 14.4104, 50.0391



14.9953, 14.4104, 53.0301



19.5897, 14.4104, 42.6229

Triad

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



14.9953, 14.4104, 53.0301



21.2754, 14.4104, 5.0052



7.3120, 14.4104, 8.5258

Complementary

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



14.9953, 14.4104, 53.0301



25.6602, 18.2928, 2.1797

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.



9.1226, 14.4104, 3.4693



14.9953, 14.4104, 53.0301



16.9486, 14.4104, 2.3104

Square

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



14.9953, 14.4104, 53.0301



23.6845, 14.4104, 12.3524



12.4752, 14.4104, 1.9530



7.0053, 14.4104, 19.5815

Rectangle

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



14.9953, 14.4104, 53.0301



22.1133, 14.4104, 31.6220



12.4752, 14.4104, 1.9530



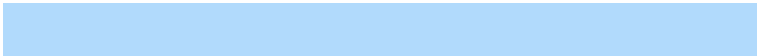
7.7433, 14.4104, 6.2776

Sweetspot

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



14.9959, 14.4108, 53.0305



60.9045, 66.7621, 102.1461



20.8963, 39.2256, 14.8762



12.5569, 13.8183, 22.2553



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.



14.9959, 14.4108, 53.0305



26.9056, 25.5838, 95.9899



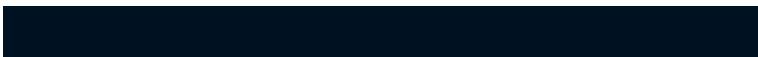
9.8818, 4.1825, 51.3258



9.9784, 10.6481, 12.8142



9.9406, 9.6376, 34.8929



0.4975, 0.5524, 1.5303

Inverse Universe

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



24.9026, 12.5319, 15.0164



44.9838, 22.6499, 26.5087



38.7867, 44.5458, 6.5551



10.3004, 10.1688, 11.6724



16.4135, 8.2552, 10.0895



0.7435, 0.3704, 0.6167

Previews

White Background



This preview shows how the XYZ color 14.9953, 14.4104, 53.0301 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 14.9953, 14.4104, 53.0301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

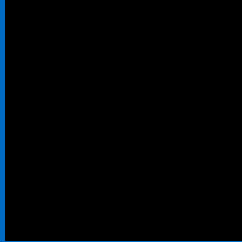
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9953, 14.4104, 53.0301

Background



This preview shows how black text looks on a background with the XYZ color 14.9953, 14.4104, 53.0301.



This preview shows how white text looks on a background with the XYZ color 14.9953, 14.4104,

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

14.9953, 14.4104, 53.0301

Protanopia

16.2589, 14.5082, 50.6586

Deuteranopia

14.6568, 14.4428, 50.7304



Tritanopia

10.1801, 14.4375, 21.6522

Trichromacy



Original Color

14.9953, 14.4104, 53.0301

Protanomaly

15.2687, 14.1336, 51.2135

Deuteranomaly

14.7665, 14.4867, 51.3081

Tritanomaly

11.5223, 14.2366, 30.9948

Monochromacy



Original Color

14.9953, 14.4104, 53.0301

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.1373, 10.0936, 20.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9953, 14.4104, 53.0301 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, 107, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 194)  
}
```

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, 107, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 194) }
```

Border

The CSS property to change the border of an element to XYZ 14.9953, 14.4104, 53.0301 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, 107, 194) }
```


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

```
.border{ border-color:rgb(0, 107, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9953, 14.4104, 53.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 194) }
```

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

```
.background{ background-color: rgb(0, 107,  
194) }
```

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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