

Converting Colors

XYZ(1.5945, 7.4185, 53.4072)

Have a look what the booklet for
XYZ(1.5945, 7.4185, 53.4072)
contains.

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Color

**XYZ(15.2215, 14.5009,
54.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	006BC4
RGB	0, 107, 196
RGB Percent	0%, 42%, 77%
CMY	0.9998, 0.5804, 0.2314
CMYK	1.00, 0.45, 0.00, 0.23
HSL	207°, 100%, 38%
HSV	207°, 100%, 77%
XYZ	15.2215, 14.5009, 54.2212
YIQ	85.1530, -92.3410, 4.9950

Conversions

Conversions Part 2

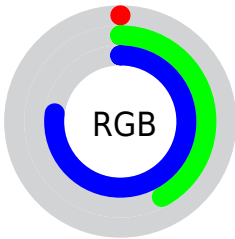
Format	Color
R_{YB}	0, 69, 196
Decimal	27588
CIE _{Lab}	44.94, 8.84, -53.45
CIE _{LCh}	45, 54.178, 279.391
Yxy	14.5009, 0.1813, 0.1727
Android (android.graphics.Color)	4278217668 (0xFF006BC4)
YUV	85.1530, 54.6476, -74.6792
Hunter-Lab	38.0800, 4.7106, -57.7655

Details

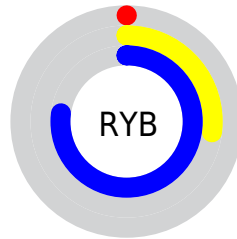
The XYZ color **15.2215, 14.5009, 54.2212** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **26.3413, 18.8879, 2.2586**, and the grayscale version is **8.5726, 9.0190, 9.8217**.

A 20% lighter version of the original color is **34.7804, 34.0324, 97.6643**, and **6.4765, 5.2606, 25.8733** is the 20% darker color. If you saturate the color by 10%, you get **15.2195, 14.4969, 54.2209**, and if you desaturate by 10%, it is **16.4793, 16.5989, 54.5602**.

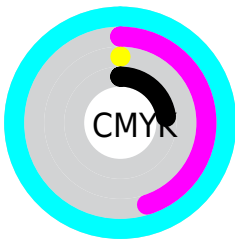
Distribution



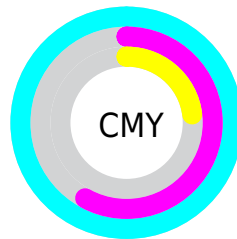
- Red (0%)
- Green (42%)
- Blue (77%)



- Red (0%)
- Yellow (27%)
- Blue (77%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2215, 14.5009, 54.2212 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 15.2215, 14.5009, 54.2212 by changing the saturation by 10% instead.

■ 15.2215, 14.5009,
54.2212

■ 15.2215, 14.5009,
54.2212

218.0649,
220.3251, 420.1514

■ 9.0623, 8.4699,
38.3842

■ 34.8098, 33.9752,
97.8586

■ 4.8393, 4.3970,
25.9768

■ 48.9696, 48.1873,
126.4961

■ 2.1871, 1.8981,
16.5807

■ 66.5269, 65.8951,
160.2374

■ 0.7359, 0.5472,
9.7772

■ 87.8472, 87.4831,
199.5012

■ 0.0000, 0.0000,
5.1478

■ 113.2958,
113.3358, 244.7060

■ 0.0000, 0.0000,
2.2740

■ 143.2381,

■ 0.0000, 0.0000,

143.8374, 296.2702

0.7166

178.0393,
179.3723, 354.6125

■ 0.0000, 0.0000,
0.0000

■ 15.2215, 14.5009,
54.2212

■ 15.2215, 14.5009,
54.2212

■ 15.2195, 14.4969,
54.2209

■ 16.4793, 16.5989,
54.5602

■ 18.1187, 19.0394,
54.9449

■ 20.2428, 21.8797,
55.3812

■ 22.9060, 25.1516,
55.8723

■ 26.1545, 28.8825,
56.4212

■ 30.0292, 33.0970,
57.0305

■ 34.5669, 37.8176,
57.7025

■ 39.8015, 43.0649,
58.4394

■ 45.7643, 48.8583,
59.2434

Harmonies

Analogous

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



10.9936, 14.5009, 51.4569



15.2215, 14.5009, 54.2212



19.9338, 14.5009, 43.1847

Triad

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



15.2215, 14.5009, 54.2212



21.4797, 14.5009, 4.8082



7.2423, 14.5009, 8.6581

Complementary

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



15.2215, 14.5009, 54.2212



26.3413, 18.8879, 2.2586

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.



9.0482, 14.5009, 3.4363



15.2215, 14.5009, 54.2212



17.0076, 14.5009, 2.1867

Square

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



15.2215, 14.5009, 54.2212



24.0244, 14.5009, 12.1298



12.4375, 14.5009, 1.8723



6.9650, 14.5009, 20.1188

Rectangle

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



15.2215, 14.5009, 54.2212



22.5022, 14.5009, 31.7755



12.4375, 14.5009, 1.8723



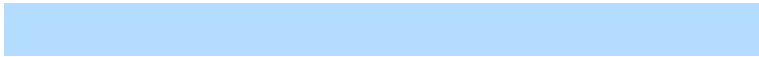
7.6688, 14.5009, 6.3324

Sweetspot

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



15.2221, 14.5013, 54.2216



62.1853, 68.0647, 104.4680



21.5113, 40.1887, 15.9047



12.5300, 13.7645, 22.2464



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.



15.2221, 14.5013, 54.2216



27.3092, 25.7385, 98.1364



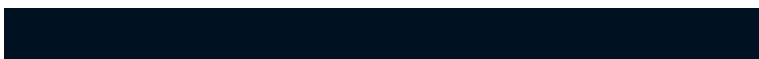
10.0712, 4.1995, 52.5046



9.9736, 10.6386, 12.8126



9.8662, 9.4888, 34.8681



0.4945, 0.5463, 1.5293

Inverse Universe

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



25.4194, 12.7983, 15.0406



45.9136, 23.1295, 26.5411



40.3670, 46.9392, 6.9339



10.2980, 10.1678, 11.6598



16.3760, 8.2401, 9.8918



0.7420, 0.3698, 0.6086

Previews

White Background



This preview shows how the XYZ color 15.2215, 14.5009, 54.2212 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 15.2215, 14.5009, 54.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

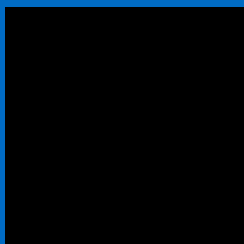
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2215, 14.5009, 54.2212

Background



This preview shows how black text looks on a background with the XYZ color 15.2215, 14.5009, 54.2212.



This preview shows how white text looks on a background with the XYZ color 15.2215, 14.5009,

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

15.2215, 14.5009, 54.2212

Protanopia

16.3513, 14.5304, 51.8120

Deuteranopia

14.7665, 14.4867, 51.3081



Tritanopia

10.2443, 14.4632, 21.9904

Trichromacy



Original Color

15.2215, 14.5009, 54.2212

Protanomaly

15.4127, 14.1822, 52.3772

Deuteranomaly

14.9882, 14.5754, 52.4754

Tritanomaly

11.6032, 14.2690, 31.4208

Monochromacy



Original Color

15.2215, 14.5009, 54.2212

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 15.2215, 14.5009, 54.2212 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 196) }
```

Border

The CSS property to change the border of an element to XYZ 15.2215, 14.5009, 54.2212 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, 196) }
```


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

```
.border{ border-color:rgb(0, 107, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2215, 14.5009, 54.2212 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, 196) }
```

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

```
.background{ background-color: rgb(0, 107,  
196) }
```

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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