

Converting Colors

XYZ(14.6848, 14.7291, 51.8630)

Have a look what the booklet for
XYZ(14.6848, 14.7291, 51.8630)
contains.

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Color

**XYZ(15.0904, 14.9576,
51.9609)**

Conversions

Conversions Part 1

Format	Color
Hex	006EC0
RGB	0, 110, 192
RGB Percent	0%, 43%, 75%
CMY	0.9998, 0.5686, 0.2471
CMYK	1.00, 0.43, 0.00, 0.25
HSL	206°, 100%, 38%
HSV	206°, 100%, 75%
XYZ	15.0904, 14.9576, 51.9609
YIQ	86.4580, -91.8820, 2.1820

Conversions

Conversions Part 2

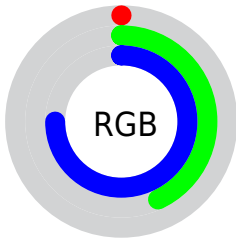
Format	Color
RYB	0, 70, 192
Decimal	28352
CIELab	45.58, 5.33, -50.13
CIELCh	46, 50.408, 276.068
Yxy	14.9576, 0.1840, 0.1824
Android (android.graphics.Color)	4278218432 (0xFF006EC0)
YUV	86.4580, 52.0322, -75.8237
Hunter-Lab	38.6751, 1.9665, -52.5850

Details

The XYZ color **15.0904, 14.9576, 51.9609** 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 **24.7595, 17.2483, 2.0256**, and the grayscale version is **8.8525, 9.3136, 10.1425**.

A 20% lighter version of the original color is **34.5631, 34.7622, 94.5106**, and **6.3650, 5.3900, 24.7497** is the 20% darker color. If you saturate the color by 10%, you get **15.0883, 14.9534, 51.9606**, and if you desaturate by 10%, it is **16.2902, 16.9513, 52.2828**.

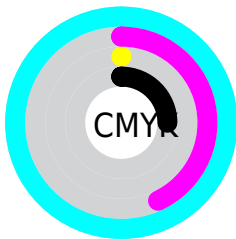
Distribution



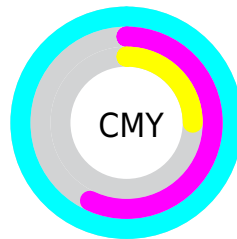
- Red (0%)
- Green (43%)
- Blue (75%)



- Red (0%)
- Yellow (27%)
- Blue (75%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0904, 14.9576, 51.9609 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 15.0904, 14.9576, 51.9609 by changing the saturation by 10% instead.

■ 15.0904, 14.9576,
51.9609

■ 15.0904, 14.9576,
51.9609

217.2903,
223.1094, 411.2383

■ 8.9696, 8.7896,
36.5919

■ 34.5820, 34.7788,
94.4996

■ 4.7783, 4.6042,
24.5984

■ 48.6836, 49.2008,
122.5063

■ 2.1512, 2.0170,
15.5618

■ 66.1761, 67.1429,
155.5627

■ 0.7168, 0.6173,
9.0636

■ 87.4249, 88.9896,
194.0873

■ 0.0000, 0.0000,
4.6853

■ 112.7953,
115.1252, 238.4986

■ 0.0000, 0.0000,
2.0084

■ 142.6528,

■ 0.0000, 0.0000,

145.9341, 289.2151

0.5604

177.3627,
181.8007, 346.6555

■ 0.0000, 0.0000,
0.0000

■ 15.0904, 14.9576,
51.9609

■ 15.0904, 14.9576,
51.9609

■ 15.0883, 14.9534,
51.9606

■ 16.2902, 16.9513,
52.2828

■ 17.8431, 19.2518,
52.6450

■ 19.8481, 21.9131,
53.0530

■ 22.3565, 24.9647,
53.5099

■ 25.4116, 28.4317,
54.0180

■ 29.0520, 32.3368,
54.5799

■ 33.3122, 36.7005,
55.1977

■ 38.2241, 41.5418,
55.8732

■ 43.8172, 46.8783,
56.6085

Harmonies

Analogous

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



11.1776, 14.9576, 48.0242



15.0904, 14.9576, 51.9609



19.5390, 14.9576, 43.1556

Triad

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



15.0904, 14.9576, 51.9609



21.8209, 14.9576, 6.0904



8.0238, 14.9576, 8.5720

Complementary

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



15.0904, 14.9576, 51.9609



24.7595, 17.2483, 2.0256

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.



9.9611, 14.9576, 3.8106



15.0904, 14.9576, 51.9609



17.7622, 14.9576, 2.9532

Square

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



15.0904, 14.9576, 51.9609



23.8887, 14.9576, 13.9548



13.3775, 14.9576, 2.3953



7.5873, 14.9576, 18.8639

Rectangle

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



15.0904, 14.9576, 51.9609



22.0523, 14.9576, 32.9711



13.3775, 14.9576, 2.3953



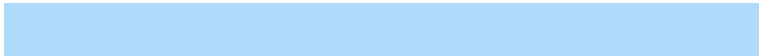
8.4993, 14.9576, 6.4657

Sweetspot

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



15.0910, 14.9580, 51.9613



59.9418, 66.0791, 99.9556



20.2993, 38.2794, 13.9135



12.1307, 13.4368, 21.3395



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



15.0910, 14.9580, 51.9613



27.0840, 26.5846, 94.0641



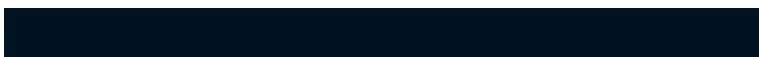
9.7010, 4.1780, 50.1646



9.9965, 10.6843, 12.8202



10.2313, 10.2190, 34.9898



0.5093, 0.5760, 1.5342

Inverse Universe

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



24.5534, 12.3334, 15.8384



44.3575, 22.2931, 28.0097



37.2648, 42.2590, 6.1941



10.3095, 10.1724, 11.7205



16.5602, 8.3139, 10.8622



0.7495, 0.3728, 0.6480

Previews

White Background



This preview shows how the XYZ color 15.0904, 14.9576, 51.9609 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 15.0904, 14.9576, 51.9609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

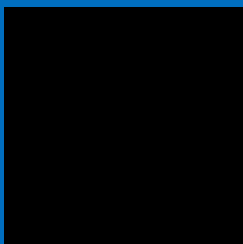
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0904, 14.9576, 51.9609

Background



This preview shows how black text looks on a background with the XYZ color 15.0904, 14.9576, 51.9609.



This preview shows how white text looks on a background with the XYZ color 15.0904, 14.9576,

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

15.0904, 14.9576, 51.9609

Protanopia

16.6197, 15.0306, 49.0389

Deuteranopia

15.3840, 14.9497, 51.9439



Tritanopia

10.6128, 14.9915, 22.7564

Trichromacy



Original Color

15.0904, 14.9576, 51.9609

Protanomaly

15.5252, 14.7474, 50.1724

Deuteranomaly

15.1968, 14.8532, 51.9352

Tritanomaly

11.8313, 14.7251, 31.4968

Monochromacy



Original Color

15.0904, 14.9576, 51.9609

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.3694, 10.4773, 20.9305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0904, 14.9576, 51.9609 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, 110, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 192)  
}
```

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, 110, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 192) }
```

Border

The CSS property to change the border of an element to XYZ 15.0904, 14.9576, 51.9609 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, 110, 192) }
```


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

```
.border{ border-color:rgb(0, 110, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 110, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0904, 14.9576, 51.9609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 192) }
```

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

```
.background{ background-color: rgb(0, 110,  
192) }
```

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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