

Converting Colors

XYZ(13.9283, 13.5415, 54.8529)

Have a look what the booklet for
XYZ(13.9283, 13.5415, 54.8529)
contains.

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Color

**XYZ(15.1296, 14.1344,
54.7541)**

Conversions

Conversions Part 1

Format	Color
Hex	0069C5
RGB	0, 105, 197
RGB Percent	0%, 41%, 77%
CMY	0.9998, 0.5882, 0.2274
CMYK	1.00, 0.47, 0.00, 0.23
HSL	208°, 100%, 39%
HSV	208°, 100%, 77%
XYZ	15.1296, 14.1344, 54.7541
YIQ	84.0930, -92.1120, 6.3520

Conversions

Conversions Part 2

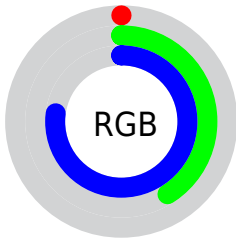
Format	Color
RYB	0, 68, 197
Decimal	27077
CIELab	44.43, 10.52, -54.86
CIELCh	44, 55.863, 280.859
Yxy	14.1344, 0.1801, 0.1682
Android (android.graphics.Color)	4278217157 (0xFF0069C5)
YUV	84.0930, 55.6632, -73.7496
Hunter-Lab	37.5957, 6.0409, -60.0324

Details

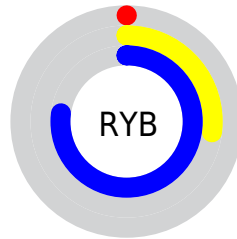
The XYZ color **15.1296, 14.1344, 54.7541** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **26.8568, 19.5315, 2.3556**, and the grayscale version is **8.3510, 8.7859, 9.5679**.

A 20% lighter version of the original color is **34.7076, 33.4741, 98.3978**, and **6.4464, 5.0809, 26.2321** is the 20% darker color. If you saturate the color by 10%, you get **15.1279, 14.1308, 54.7538**, and if you desaturate by 10%, it is **16.4015, 16.2576, 55.0972**.

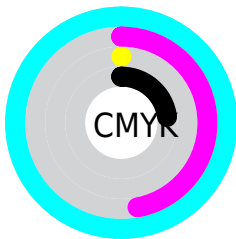
Distribution



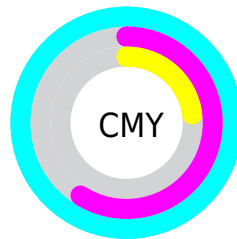
- Red (0%)
- Green (41%)
- Blue (77%)



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



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (59%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1296, 14.1344, 54.7541 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 15.1296, 14.1344, 54.7541 by changing the saturation by 10% instead.

■ 15.1296, 14.1344,
54.7541

■ 15.1296, 14.1344,
54.7541

217.5222,
218.0653, 422.2348

■ 8.9973, 8.2142,
38.8076

■ 34.6502, 33.3273,
98.6481

■ 4.7965, 4.2323,
26.3034

■ 48.7691, 47.3688,
127.4327

■ 2.1619, 1.8043,
16.8230

■ 66.2811, 64.8862,
161.3338

■ 0.7225, 0.4899,
9.9477

■ 87.5513, 86.2639,
200.7698

■ 0.0000, 0.0000,
5.2592

■ 112.9451,
111.8862, 246.1594

■ 0.0000, 0.0000,
2.3387

■ 142.8280,

■ 0.0000, 0.0000,

142.1377, 297.9211

0.7528

177.5652,
177.4026, 356.4734

■ 0.0000, 0.0000,
0.0000

■ 15.1296, 14.1344,
54.7541

■ 15.1296, 14.1344,
54.7541

■ 15.1279, 14.1308,
54.7538

■ 16.4015, 16.2576,
55.0972

■ 18.0648, 18.7377,
55.4883

■ 20.2237, 21.6327,
55.9333

■ 22.9337, 24.9755,
56.4357

■ 26.2417, 28.7944,
56.9984

■ 30.1894, 33.1146,
57.6243

■ 34.8143, 37.9594,
58.3156

■ 40.1509, 43.3500,
59.0749

■ 46.2312, 49.3066,
59.9041

Harmonies

Analogous

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



10.7946, 14.1344, 52.6259



15.1296, 14.1344, 54.7541



19.9201, 14.1344, 42.7335

Triad

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



15.1296, 14.1344, 54.7541



21.0900, 14.1344, 4.2111



6.8109, 14.1344, 8.6161

Complementary

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



15.1296, 14.1344, 54.7541



26.8568, 19.5315, 2.3556

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.



8.5356, 14.1344, 3.2330



15.1296, 14.1344, 54.7541



16.4727, 14.1344, 1.8490

Square

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



15.1296, 14.1344, 54.7541



23.8376, 14.1344, 11.1811



11.8707, 14.1344, 1.6327



6.6075, 14.1344, 20.5411

Rectangle

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



15.1296, 14.1344, 54.7541



22.4872, 14.1344, 30.8670



11.8707, 14.1344, 1.6327



7.2103, 14.1344, 6.2084

Sweetspot

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



15.1302, 14.1348, 54.7545



61.9263, 67.5468, 104.3817



21.8966, 40.7049, 16.8175



12.4687, 13.6418, 22.2259



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.



15.1302, 14.1348, 54.7545



26.8388, 24.7975, 97.9796



10.1503, 4.1749, 53.0945



10.5168, 11.2077, 13.5265



10.0346, 9.4630, 36.0420



0.5472, 0.5921, 1.7306

Inverse Universe

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



25.5764, 12.8912, 14.5050



45.6762, 23.0345, 25.2905



41.5342, 48.8862, 7.2480



10.8661, 10.7298, 12.2784



16.8643, 8.4953, 9.7613



0.8349, 0.4168, 0.6536

Previews

White Background



This preview shows how the XYZ color 15.1296, 14.1344, 54.7541 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 15.1296, 14.1344, 54.7541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

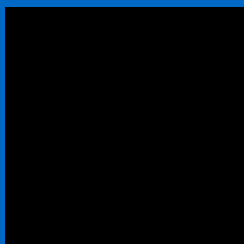
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1296, 14.1344, 54.7541

Background



This preview shows how black text looks on a background with the XYZ color 15.1296, 14.1344, 54.7541.



This preview shows how white text looks on a background with the XYZ color 15.1296, 14.1344,

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

15.1296, 14.1344, 54.7541

Protanopia

16.1763, 14.2676, 52.9403

Deuteranopia

14.3348, 14.1462, 49.5519

Trichromacy



Original Color

15.1296, 14.1344, 54.7541

Protanomaly

15.4281, 14.0157, 53.5219

Deuteranomaly

14.5580, 14.0697, 51.2386

Monochromacy



Original Color

15.1296, 14.1344, 54.7541

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.9970, 9.8918, 20.8372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1296, 14.1344, 54.7541 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, 105, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 197)  
}
```

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, 105, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 197) }
```

Border

The CSS property to change the border of an element to XYZ 15.1296, 14.1344, 54.7541 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, 105, 197) }
```

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

```
.border{ border-color:rgb(0, 105, 197) }
```

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

Here you see how a box with a 4 pixel rgb(0, 105, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 15.1296, 14.1344, 54.7541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 197) }
```

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

```
.background{ background-color: rgb(0, 105,  
197) }
```

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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