

Converting Colors

XYZ(8.1250, 9.8146, 57.1530)

Have a look what the booklet for
XYZ(8.1250, 9.8146, 57.1530)
contains.

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Color

**XYZ(15.3144, 13.5716,
57.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	0065CA
RGB	0, 101, 202
RGB Percent	0%, 40%, 79%
CMY	0.9998, 0.6039, 0.2078
CMYK	1.00, 0.50, 0.00, 0.21
HSL	210°, 100%, 40%
HSV	210°, 100%, 79%
XYZ	15.3144, 13.5716, 57.6895
YIQ	82.3150, -92.6170, 9.9990

Conversions

Conversions Part 2

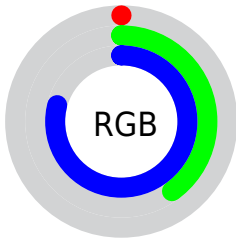
Format	Color
RYB	0, 67, 202
Decimal	26058
CIELab	43.61, 15.13, -59.06
CIElCh	44, 60.963, 284.367
Yxy	13.5716, 0.1769, 0.1568
Android (android.graphics.Color)	4278216138 (0xFF0065CA)
YUV	82.3150, 59.0047, -72.1903
Hunter-Lab	36.8397, 9.7338, -67.0581

Details

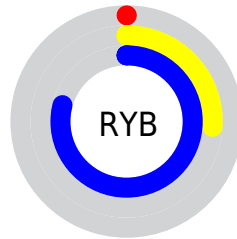
The XYZ color **15.3144, 13.5716, 57.6895** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **29.0164, 21.8744, 2.6944**, and the grayscale version is **7.9851, 8.4009, 9.1486**.

A 20% lighter version of the original color is **34.1536, 31.9499, 98.9746**, and **6.6806, 4.9349, 28.2042** is the 20% darker color. If you saturate the color by 10%, you get **15.3118, 13.5665, 57.6890**, and if you desaturate by 10%, it is **16.6500, 15.8069, 58.0509**.

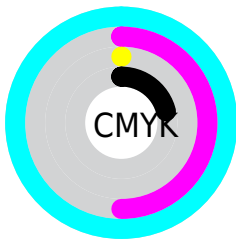
Distribution



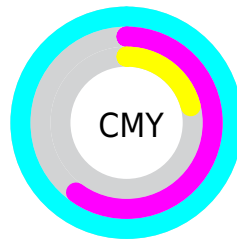
- Red (0%)
- Green (40%)
- Blue (79%)



- Red (0%)
- Yellow (26%)
- Blue (79%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3144, 13.5716, 57.6895 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 15.3144, 13.5716, 57.6895 by changing the saturation by 10% instead.

■ 15.3144, 13.5716,
57.6895

■ 15.3144, 13.5716,
57.6895

218.6122,
214.5492, 433.5938

■ 9.1281, 7.8233,
41.1460

■ 34.9709, 32.3269,
102.9809

■ 4.8826, 3.9821,
28.1126

■ 49.1719, 46.1028,
132.5658

■ 2.2126, 1.6636,
18.1708

■ 66.7751, 63.3233,
167.3351

■ 0.7494, 0.3999,
10.9020

■ 88.1459, 84.3728,
207.7071

■ 0.0000, 0.0000,
5.8876

■ 113.6496,
109.6358, 254.1004

■ 0.0000, 0.0000,
2.7092

143.6517,

■ 0.0000, 0.0000,

139.4966, 306.9336

0.9480

178.5175,
174.3396, 366.6253

■ 0.0000, 0.0000,
0.0000

■ 15.3144, 13.5716,
57.6895

■ 15.3144, 13.5716,
57.6895

■ 15.3118, 13.5665,
57.6890

■ 16.6500, 15.8069,
58.0509

■ 18.4158, 18.4492,
58.4679

■ 20.7216, 21.5608,
58.9469

■ 23.6270, 25.1782,
59.4920

■ 27.1829, 29.3329,
60.1065

■ 31.4342, 34.0531,
60.7936

■ 36.4215, 39.3649,
61.5560

■ 42.1820, 45.2922,
62.3965

■ 48.7504, 51.8574,
63.3175

Harmonies

Analogous

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



10.5801, 13.5716, 57.3176



15.3144, 13.5716, 57.6895



20.4436, 13.5716, 42.6719

Triad

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



15.3144, 13.5716, 57.6895



20.6391, 13.5716, 2.9621



5.9239, 13.5716, 8.7636

Complementary

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



15.3144, 13.5716, 57.6895



29.0164, 21.8744, 2.6944

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.



7.4855, 13.5716, 2.8236



15.3144, 13.5716, 57.6895



15.5351, 13.5716, 1.1651

Square

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



15.3144, 13.5716, 57.6895



23.9946, 13.5716, 9.1656



10.7526, 13.5716, 1.1376



5.8927, 13.5716, 22.3093

Rectangle

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



15.3144, 13.5716, 57.6895



23.0742, 13.5716, 29.3209



10.7526, 13.5716, 1.1376



6.2660, 13.5716, 6.0711

Sweetspot

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



15.3150, 13.5720, 57.6899



61.2709, 66.2359, 104.1632



23.4716, 43.1817, 19.4166



12.3137, 13.3318, 22.1742



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.



15.3150, 13.5720, 57.6899



25.6997, 22.5195, 97.5999



10.6620, 4.2658, 56.1388



11.0573, 11.7550, 14.2565



9.9420, 8.9081, 37.1517



0.5888, 0.6114, 1.9419

Inverse Universe

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



26.7068, 13.4973, 13.5095



45.1012, 22.8045, 22.2630



45.4782, 54.7980, 8.1816



11.4423, 11.3056, 12.8636



17.2292, 8.7023, 8.9255



0.9271, 0.4643, 0.6622

Previews

White Background



This preview shows how the XYZ color 15.3144, 13.5716, 57.6895 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 15.3144, 13.5716, 57.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

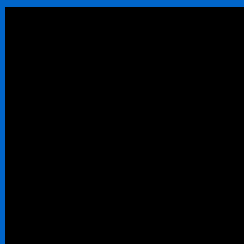
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

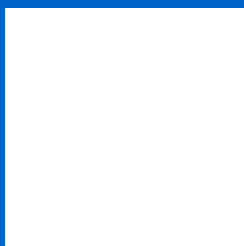
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3144, 13.5716, 57.6895

Background



This preview shows how black text looks on a background with the XYZ color 15.3144, 13.5716, 57.6895.



This preview shows how white text looks on a background with the XYZ color 15.3144, 13.5716,

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

15.3144, 13.5716, 57.6895

Protanopia

15.8420, 13.5861, 56.4310

Deuteranopia

13.5988, 13.5220, 46.6930



Tritanopia

9.5302, 13.4398, 20.5042

Trichromacy



Original Color

15.3144, 13.5716, 57.6895

Protanomaly

15.5518, 13.5644, 57.0569

Deuteranomaly

14.2446, 13.6183, 50.5930

Tritanomaly

11.0546, 13.1716, 31.2379

Monochromacy



Original Color

15.3144, 13.5716, 57.6895

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.7544, 9.3812, 21.0880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3144, 13.5716, 57.6895 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, 101, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 202)  
}
```

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, 101, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 202) }
```

Border

The CSS property to change the border of an element to XYZ 15.3144, 13.5716, 57.6895 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, 101, 202) }
```


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

```
.border{ border-color:rgb(0, 101, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3144, 13.5716, 57.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 202) }
```

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

```
.background{ background-color: rgb(0, 101,  
202) }
```

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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