

Converting Colors

XYZ(9.1256, 15.7307, 38.9389)

Have a look what the booklet for
XYZ(9.1256, 15.7307, 38.9389)
contains.

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Color

**XYZ(14.9577, 18.7553,
39.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	0082A7
RGB	0, 130, 167
RGB Percent	0%, 51%, 65%
CMY	0.9999, 0.4902, 0.3451
CMYK	1.00, 0.22, 0.00, 0.35
HSL	193°, 100%, 33%
HSV	193°, 100%, 65%
XYZ	14.9577, 18.7553, 39.3910
YIQ	95.3480, -89.3570, -16.0530

Conversions

Conversions Part 2

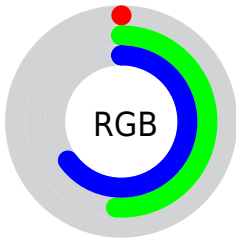
Format	Color
RYB	0, 73, 167
Decimal	33447
CIELab	50.40, -16.26, -28.03
CIELCh	50, 32.401, 239.882
Yxy	18.7553, 0.2046, 0.2566
Android (android.graphics.Color)	4278223527 (0xFF0082A7)
YUV	95.3480, 35.3244, -83.6202
Hunter-Lab	43.3074, -14.1368, -23.6131

Details

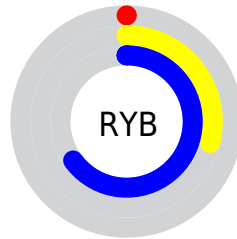
The XYZ color **14.9577, 18.7553, 39.3910** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **16.5992, 9.5406, 0.9675**, and the grayscale version is **10.8963, 11.4637, 12.4840**.

A 20% lighter version of the original color is **34.3348, 41.3146, 75.2721**, and **6.0369, 7.1227, 17.2763** is the 20% darker color. If you saturate the color by 10%, you get **14.9571, 18.7540, 39.3912**, and if you desaturate by 10%, it is **15.6855, 19.8747, 39.5691**.

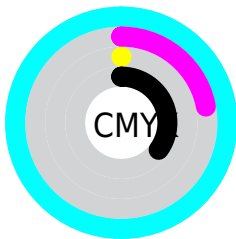
Distribution



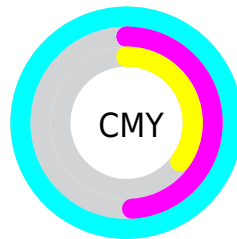
- Red (0%)
- Green (51%)
- Blue (65%)



- Red (0%)
- Yellow (29%)
- Blue (65%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9577, 18.7553, 39.3910 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 14.9577, 18.7553, 39.3910 by changing the saturation by 10% instead.

■ 14.9577, 18.7553,
39.3910

■ 14.9577, 18.7553,
39.3910

216.5035,
245.0945, 359.0255

■ 8.8758, 11.4936,
26.7539

■ 34.3512, 41.3202,
75.4622

■ 4.7167, 6.3999,
17.1577

■ 48.3936, 57.3922,
99.7333

■ 2.1151, 3.0897,
10.1838

■ 65.8201, 77.1697,
128.7195

■ 0.6974, 1.1788,
5.4138

■ 86.9963, 101.0372,
162.8393

■ 0.0000, 0.0442,
2.4291

■ 112.2873,
129.3791, 202.5112

■ 0.0000, 0.0000,
0.8022

■ 142.0586,

■ 0.0000, 0.0000,

162.5796, 248.1539

0.0000

176.6756,
201.0233, 300.1858

■ 14.9577, 18.7553,
39.3910

■ 14.9577, 18.7553,
39.3910

■ 14.9571, 18.7540,
39.3912

■ 15.6855, 19.8747,
39.5691

■ 16.6192, 21.1266,
39.7615

■ 17.8371, 22.5517,
39.9724

■ 19.3737, 24.1683,
40.2034

■ 21.2586, 25.9917,
40.4561

■ 23.5178, 28.0357,
40.7315

■ 26.1746, 30.3125,
41.0309

■ 29.2506, 32.8335,
41.3554

■ 32.7656, 35.6091,
41.7059

Harmonies

Analogous

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



13.0753, 18.7553, 30.3353



14.9577, 18.7553, 39.3910



17.8139, 18.7553, 43.1308

Triad

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



14.9577, 18.7553, 39.3910



24.5919, 18.7553, 20.4571



14.9769, 18.7553, 8.7749

Complementary

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



14.9577, 18.7553, 39.3910



16.5992, 9.5406, 0.9675

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.



17.8388, 18.7553, 7.5266



14.9577, 18.7553, 39.3910



23.6079, 18.7553, 12.9436

Square

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



14.9577, 18.7553, 39.3910



23.5929, 18.7553, 30.4159



21.0402, 18.7553, 8.7952



13.0855, 18.7553, 12.8980

Rectangle

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



14.9577, 18.7553, 39.3910



19.9656, 18.7553, 41.4518



21.0402, 18.7553, 8.7952



15.8456, 18.7553, 8.0705

Sweetspot

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



14.9584, 18.7559, 39.3915



46.5900, 54.0469, 73.4518



14.1409, 27.7666, 6.2999



9.9782, 11.7153, 16.3875



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.9584, 18.7559, 39.3915



26.6278, 33.2687, 70.4933



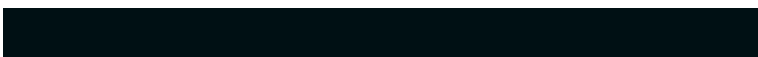
8.0056, 4.8505, 37.0739



7.6044, 8.2458, 9.6091



11.4826, 14.4253, 30.1547



0.3134, 0.4190, 0.7450

Inverse Universe

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



19.9662, 9.8280, 21.9643



35.6762, 17.5675, 38.9090



22.6162, 21.5747, 2.9732



7.7697, 7.6377, 9.1044



15.2965, 7.5273, 16.9046



0.3893, 0.1900, 0.5017

Previews

White Background



This preview shows how the XYZ color 14.9577, 18.7553, 39.3910 looks on a white 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

Black Background



This preview shows how the XYZ color 14.9577, 18.7553, 39.3910 looks on a black 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

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

XYZ 14.9577, 18.7553, 39.3910

Background



This preview shows how black text looks on a background with the XYZ color 14.9577, 18.7553, 39.3910.

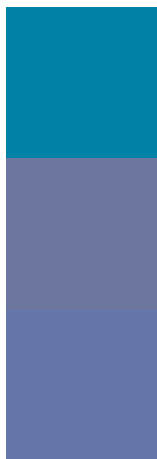


This preview shows how white text looks on a background with the XYZ color 14.9577, 18.7553,

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

14.9577, 18.7553, 39.3910

Protanopia

18.9567, 18.6767, 34.9536

Deuteranopia

19.1010, 18.6258, 40.6186



Tritanopia

13.3455, 18.7582, 28.9039

Trichromacy



Original Color

14.9577, 18.7553, 39.3910

Protanomaly

15.8468, 17.7575, 36.3105

Deuteranomaly

16.2353, 17.8736, 40.1304

Tritanomaly

13.9188, 18.7695, 32.5950

Monochromacy



Original Color

14.9577, 18.7553, 39.3910

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.6772, 13.0663, 20.0485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9577, 18.7553, 39.3910 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, 130, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 167)  
}
```

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, 130, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 167) }
```

Border

The CSS property to change the border of an element to XYZ 14.9577, 18.7553, 39.3910 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, 130, 167) }
```


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

```
.border{ border-color:rgb(0, 130, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 130, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9577, 18.7553, 39.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 167) }
```

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

```
.background{ background-color: rgb(0, 130,  
167) }
```

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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