

Converting Colors

XYZ(14.3072, 15.4579, 20.0813)

Have a look what the booklet for
XYZ(14.3072, 15.4579, 20.0813)
contains.

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Color

**XYZ(14.2202, 15.3776,
19.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	636F78
RGB	99, 111, 120
RGB Percent	39%, 44%, 47%
CMY	0.6118, 0.5647, 0.5294
CMYK	0.17, 0.07, 0.00, 0.53
HSL	206°, 10%, 43%
HSV	206°, 17%, 47%
XYZ	14.2202, 15.3776, 19.9880
YIQ	108.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

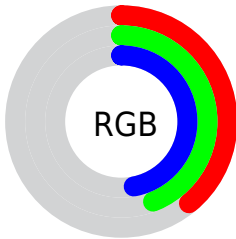
Format	Color
R_{YB}	99, 107, 120
Decimal	6516600
CIE _{Lab}	46.15, -2.44, -6.52
CIE _{LCh}	46, 6.958, 249.473
Yxy	15.3776, 0.2868, 0.3101
Android (android.graphics.Color)	4284706680 (0xFF636F78)
YUV	108.4380, 5.7001, -8.2771
Hunter-Lab	39.2143, -3.8959, -2.7708

Details

The XYZ color **14.2202, 15.3776, 19.9880** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3605, 15.6190, 14.0099**, and the grayscale version is **14.3638, 15.1118, 16.4568**.

A 20% lighter version of the original color is **33.1213, 35.6570, 44.1665**, and **4.3634, 4.7530, 6.8183** is the 20% darker color. If you saturate the color by 10%, you get **12.4605, 13.6617, 19.7498**, and if you desaturate by 10%, it is **16.2080, 17.2598, 20.2468**.

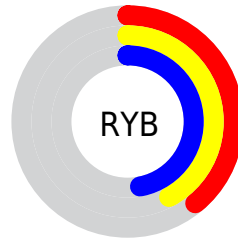
Distribution



Red (39%)

Green (44%)

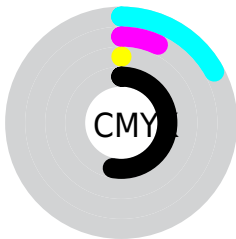
Blue (47%)



Red (39%)

Yellow (42%)

Blue (47%)

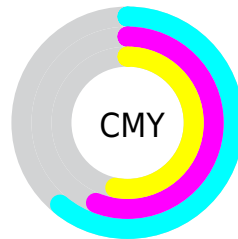


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (61%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2202, 15.3776, 19.9880 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 14.2202, 15.3776, 19.9880 by changing the saturation by 10% instead.

■ 14.2202, 15.3776,
19.9880

■ 14.2202, 15.3776,
19.9880

212.0797,
225.6405, 264.4522

■ 8.3567, 9.0848,
12.2023

■ 33.0622, 35.5143,
44.2558

■ 4.3777, 4.7966,
6.7574

■ 46.7715, 50.1269,
61.5750

■ 1.9180, 2.1284,
3.2347

■ 63.8267, 68.2817,
82.9091

■ 0.5873, 0.6805,
1.2157

■ 84.5933, 90.3629,
108.6766

■ 0.0000, 0.0000,
0.0000

109.4365,
116.7550, 139.2962

138.7217,

147.8424, 175.1863

172.8144,
184.0094, 216.7654

■ 14.2202, 15.3776,
19.9880

■ 14.2202, 15.3776,
19.9880

■ 12.4605, 13.6617,
19.7498

■ 16.2080, 17.2598,
20.2468

■ 10.9183, 12.1048,
19.5306

■ 18.4310, 19.3116,
20.5257

■ 9.5845, 10.7015,
19.3300

■ 20.8979, 21.5387,
20.8255

■ 8.4484, 9.4457,
19.1475

■ 23.6163, 23.9456,
21.1468

■ 7.4985, 8.3306,
18.9823

■ 26.5935, 26.5369,
21.4901

■ 6.7219, 7.3485,
18.8337

■ 29.8366, 29.3170,
21.8557

■ 6.1039, 6.4909,
18.7007

■ 33.3523, 32.2900,
22.2443

■ 5.6096, 5.7391,
18.5817

■ 37.1472, 35.4600,
22.6562

■ 5.4926, 5.5609,
18.5534

■ 41.2274, 38.8308,
23.0917

Harmonies

Analogous

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



13.7543, 15.3776, 18.9041



14.2202, 15.3776, 19.9880



14.8042, 15.3776, 20.1716

Triad

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



14.2202, 15.3776, 19.9880



15.7684, 15.3776, 16.2124



13.9038, 15.3776, 14.3497

Complementary

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



14.2202, 15.3776, 19.9880



15.3605, 15.6190, 14.0099

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.



14.4293, 15.3776, 13.7278



14.2202, 15.3776, 19.9880



15.5129, 15.3776, 14.7543

Square

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



14.2202, 15.3776, 19.9880



15.7088, 15.3776, 17.9136



15.0190, 15.3776, 13.8708



13.5750, 15.3776, 15.6257

Rectangle

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



14.2202, 15.3776, 19.9880



15.1835, 15.3776, 19.7470



15.0190, 15.3776, 13.8708



14.0627, 15.3776, 14.0613

Sweetspot

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



14.2207, 15.3782, 19.9883



29.3979, 31.1869, 35.7233



14.5558, 17.1633, 16.6637



6.9160, 7.3435, 8.4596



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2207, 15.3782, 19.9883



23.7212, 25.8007, 34.9829



13.1655, 13.2679, 19.6366



3.9700, 4.2382, 5.0520



5.9778, 6.0381, 20.2357



27.6571, 27.0869, 96.2404

Inverse Universe

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



15.0772, 14.0648, 16.9598



25.5410, 23.1000, 28.5281



16.5060, 17.9100, 14.3917



4.0853, 4.0498, 4.6468



9.6007, 4.8164, 6.4539



45.3632, 22.8016, 28.5063

Previews

White Background



This preview shows how the XYZ color 14.2202, 15.3776, 19.9880 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 14.2202, 15.3776, 19.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

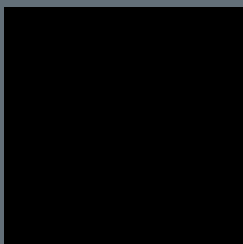
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

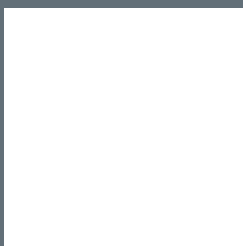
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2202, 15.3776, 19.9880

Background



This preview shows how black text looks on a background with the XYZ color 14.2202, 15.3776, 19.9880.



This preview shows how white text looks on a background with the XYZ color 14.2202, 15.3776,

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

14.2202, 15.3776, 19.9880

Protanopia

14.8169, 15.2213, 19.2966

Deuteranopia

15.5447, 15.2660, 20.2165



Tritanopia

14.2202, 15.3776, 19.9880

Trichromacy



Original Color

14.2202, 15.3776, 19.9880

Protanomaly

14.6241, 15.2724, 19.6299

Deuteranomaly

15.1204, 15.3568, 20.2564

Tritanomaly

14.2202, 15.3776, 19.9880

Monochromacy



Original Color

14.2202, 15.3776, 19.9880

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2190, 15.1104, 17.4964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2202, 15.3776, 19.9880 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(99, 111, 120) looks like.

```
.text, #text, p{  
    color:rgb(99, 111, 120)  
}
```

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(99, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 111, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.2202, 15.3776, 19.9880 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(99, 111, 120) }
```


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

```
.border{ border-color:rgb(99, 111, 120) }
```

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

Here you see how a box with a 4 pixel rgb(99, 111, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(99, 111,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2202, 15.3776, 19.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 111, 120) }
```

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

```
.background{ background-color: rgb(99, 111,  
120) }
```

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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