

Converting Colors

XYZ(14.7904, 15.6765, 21.9375)

Have a look what the booklet for
XYZ(14.7904, 15.6765, 21.9375)
contains.

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Color

**XYZ(14.8172, 15.6419,
21.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	656F7E
RGB	101, 111, 126
RGB Percent	40%, 44%, 49%
CMY	0.6039, 0.5647, 0.5059
CMYK	0.20, 0.12, 0.00, 0.51
HSL	216°, 11%, 45%
HSV	216°, 20%, 49%
XYZ	14.8172, 15.6419, 21.9769
YIQ	109.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

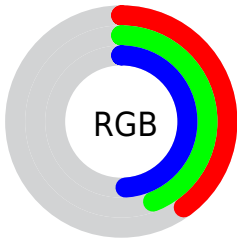
Format	Color
R_{YB}	101, 108, 126
Decimal	6647678
CIE _{Lab}	46.50, -0.30, -9.56
CIE _{LCh}	47, 9.562, 268.190
Yxy	15.6419, 0.2826, 0.2983
Android (android.graphics.Color)	4284837758 (0xFF656F7E)
YUV	109.7200, 8.0260, -7.6474
Hunter-Lab	39.5498, -2.3379, -5.2611

Details

The XYZ color **14.8172, 15.6419, 21.9769** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1988, 17.8662, 14.8545**, and the grayscale version is **14.7212, 15.4878, 16.8663**.

A 20% lighter version of the original color is **34.1828, 36.1245, 47.8189**, and **4.6384, 4.8751, 7.7177** is the 20% darker color. If you saturate the color by 10%, you get **12.7230, 13.3895, 21.6528**, and if you desaturate by 10%, it is **17.1985, 18.1468, 22.3351**.

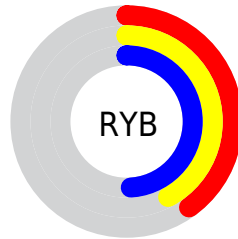
Distribution



Red (40%)

Green (44%)

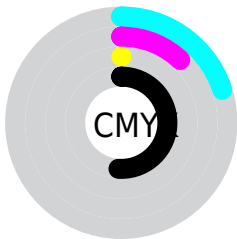
Blue (49%)



Red (40%)

Yellow (42%)

Blue (49%)

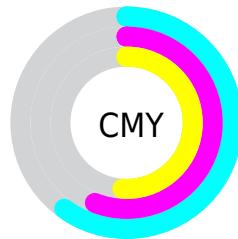


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8172, 15.6419, 21.9769 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 14.8172, 15.6419, 21.9769 by changing the saturation by 10% instead.

■ 14.8172, 15.6419,
21.9769

■ 14.8172, 15.6419,
21.9769

215.6675,
227.2193, 275.3752

■ 8.7767, 9.2711,
13.6418

■ 34.1065, 35.9754,
47.6095

■ 4.6517, 4.9184,
7.7360

■ 48.0859, 50.7069,
65.7441

■ 2.0771, 2.1995,
3.8412

■ 65.4424, 68.9941,
87.9822

■ 0.6767, 0.7197,
1.5386

■ 86.5412, 91.2214,
114.7424

■ 0.0000, 0.0000,
0.2465

111.7478,
117.7731, 146.4433

■ 0.0000, 0.0000,
0.0000

141.4275,

149.0338, 183.5034

175.9456,
185.3877, 226.3411

■ 14.8172, 15.6419,
21.9769

■ 14.8172, 15.6419,
21.9769

■ 12.7230, 13.3895,
21.6528

■ 17.1985, 18.1468,
22.3351

■ 10.9029, 11.3791,
21.3607

■ 19.8764, 20.9102,
22.7274

■ 9.3450, 9.6024,
21.0998

■ 22.8615, 23.9406,
23.1550

■ 8.0361, 8.0496,
20.8691

■ 26.1637, 27.2452,
23.6188

■ 6.9613, 6.7103,
20.6672

■ 29.7923, 30.8311,
24.1197

■ 6.1043, 5.5731,
20.4929

■ 33.7561, 34.7050,
24.6585

■ 5.4463, 4.6250,
20.3446

■ 38.0637, 38.8735,
25.2361

■ 4.9316, 3.8340,
20.2190

■ 42.7235, 43.3430,
25.8532

■ 4.9239, 3.8222,
20.2172

■ 47.7433, 48.1194,
26.5105

Harmonies

Analogous

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



14.0482, 15.6419, 21.1822



14.8172, 15.6419, 21.9769



15.6276, 15.6419, 21.3483

Triad

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



14.8172, 15.6419, 21.9769



16.3066, 15.6419, 14.9781



13.5620, 15.6419, 14.7515

Complementary

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



14.8172, 15.6419, 21.9769



17.1988, 17.8662, 14.8545

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.



14.1318, 15.6419, 13.3396



14.8172, 15.6419, 21.9769



15.7174, 15.6419, 13.4617

Square

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



14.8172, 15.6419, 21.9769



16.5063, 15.6419, 17.1750



14.9172, 15.6419, 12.8897



13.3403, 15.6419, 16.8885

Rectangle

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



14.8172, 15.6419, 21.9769



16.0786, 15.6419, 20.2364



14.9172, 15.6419, 12.8897



13.7181, 15.6419, 14.1840

Sweetspot

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



14.8177, 15.6425, 21.9773



31.9549, 33.6877, 39.5625



15.9563, 18.9400, 19.2114



7.2161, 7.6084, 8.9913



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.8177, 15.6425, 21.9773



24.2799, 25.6076, 38.4074



14.0231, 13.7027, 21.6447



4.2391, 4.4721, 5.4531



5.0474, 3.9133, 20.7393



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1275, 14.8912, 17.0638



27.0684, 24.1156, 27.9233



18.1103, 20.1405, 15.2454



4.3935, 4.3706, 4.8766



9.4247, 4.7896, 3.5601



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8172, 15.6419, 21.9769 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 14.8172, 15.6419, 21.9769 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

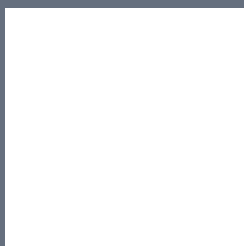
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8172, 15.6419, 21.9769

Background



This preview shows how black text looks on a background with the XYZ color 14.8172, 15.6419, 21.9769.

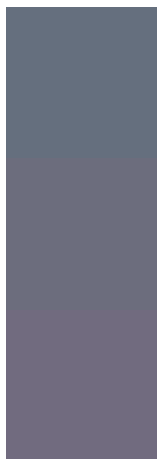


This preview shows how white text looks on a background with the XYZ color 14.8172, 15.6419,

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

14.8172, 15.6419, 21.9769

Protanopia

15.3547, 15.6061, 21.6050

Deuteranopia

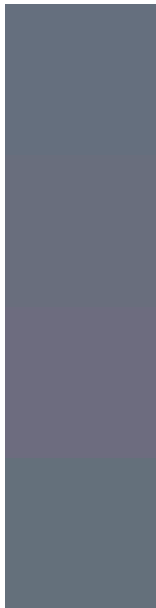
15.8985, 15.5584, 22.2438



Tritanopia

14.5009, 15.6781, 20.3511

Trichromacy



Original Color

14.8172, 15.6419, 21.9769

Protanomaly

15.1033, 15.6358, 21.6240

Deuteranomaly

15.5000, 15.5086, 22.2552

Tritanomaly

14.6249, 15.7277, 21.0038

Monochromacy



Original Color

14.8172, 15.6419, 21.9769

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7917, 15.5386, 18.7426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8172, 15.6419, 21.9769 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(101, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 111, 126)  
}
```

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(101, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 111, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.8172, 15.6419, 21.9769 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(101, 111, 126) }
```


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

```
.border{ border-color:rgb(101, 111, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 111,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8172, 15.6419, 21.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 111, 126) }
```

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

```
.background{ background-color: rgb(101,  
111, 126) }
```

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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