

Converting Colors

XYZ(14.4965, 15.2792, 21.5791)

Have a look what the booklet for
XYZ(14.4965, 15.2792, 21.5791)
contains.

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Color

**XYZ(14.5331, 15.3419,
21.5973)**

Conversions

Conversions Part 1

Format	Color
Hex	646E7D
RGB	100, 110, 125
RGB Percent	39%, 43%, 49%
CMY	0.6078, 0.5686, 0.5098
CMYK	0.20, 0.12, 0.00, 0.51
HSL	216°, 11%, 44%
HSV	216°, 20%, 49%
XYZ	14.5331, 15.3419, 21.5973
YIQ	108.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

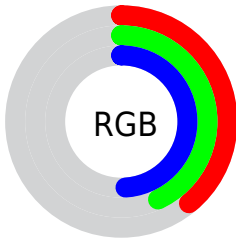
Format	Color
R_{YB}	100, 107, 125
Decimal	6581885
CIE Lab	46.10, -0.30, -9.57
CIE LCh	46, 9.576, 268.207
Yxy	15.3419, 0.2823, 0.2981
Android (android.graphics.Color)	4284771965 (0xFF646E7D)
YUV	108.7200, 8.0260, -7.6474
Hunter-Lab	39.1687, -2.3150, -5.2739

Details

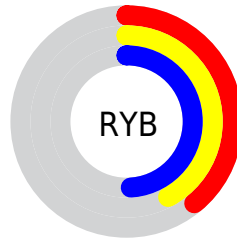
The XYZ color **14.5331, 15.3419, 21.5973** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8884, 17.5413, 14.5525**, and the grayscale version is **14.4371, 15.1890, 16.5408**.

A 20% lighter version of the original color is **33.5432, 35.2834, 47.1619**, and **4.5502, 4.8337, 7.5307** is the 20% darker color. If you saturate the color by 10%, you get **12.4802, 13.1332, 21.2794**, and if you desaturate by 10%, it is **16.8676, 17.7982, 21.9486**.

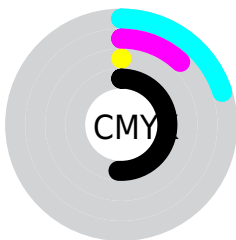
Distribution



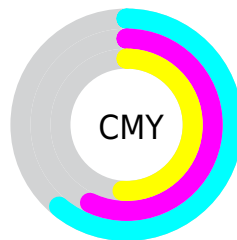
- Red (39%)
- Green (43%)
- Blue (49%)



- Red (39%)
- Yellow (42%)
- Blue (49%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5331, 15.3419, 21.5973 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 14.5331, 15.3419, 21.5973 by changing the saturation by 10% instead.

■ 14.5331, 15.3419,
21.5973

■ 14.5331, 15.3419,
21.5973

213.9674,
225.4264, 273.3206

■ 8.5765, 9.0597,
13.3658

■ 33.6104, 35.4519,
46.9731

■ 4.5209, 4.7801,
7.5473

■ 47.4619, 50.0484,
64.9546

■ 2.0008, 2.1188,
3.7231

■ 64.6757, 68.1852,
87.0231

■ 0.6344, 0.6752,
1.4747

■ 85.6172, 90.2466,
113.5972

■ 0.0000, 0.0000,
0.1990

110.6518,
116.6170, 145.0955

■ 0.0000, 0.0000,
0.0000

140.1448,

147.6809, 181.9364

174.4615,
183.8226, 224.5386

■ 14.5331, 15.3419,
21.5973

■ 14.5331, 15.3419,
21.5973

■ 12.4802, 13.1332,
21.2794

■ 16.8676, 17.7982,
21.9486

■ 10.6961, 11.1619,
20.9930

■ 19.4930, 20.5082,
22.3333

■ 9.1692, 9.4197,
20.7372

■ 22.4198, 23.4799,
22.7527

■ 7.8863, 7.8971,
20.5109

■ 25.6575, 26.7206,
23.2075

■ 6.8331, 6.5840,
20.3129

■ 29.2153, 30.2372,
23.6988

■ 5.9934, 5.4690,
20.1420

■ 33.1020, 34.0364,
24.2273

■ 5.3489, 4.5394,
19.9965

■ 37.3259, 38.1245,
24.7937

■ 4.8428, 3.7628,
19.8733

■ 41.8952, 42.5077,
25.3989

■ 4.8428, 3.7628,
19.8733

■ 46.8177, 47.1920,
26.0437

Harmonies

Analogous

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



13.7729, 15.3419, 20.8115



14.5331, 15.3419, 21.5973



15.3344, 15.3419, 20.9743

Triad

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



14.5331, 15.3419, 21.5973



16.0052, 15.3419, 14.6744



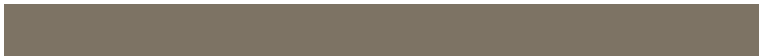
13.2918, 15.3419, 14.4527

Complementary

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



14.5331, 15.3419, 21.5973



16.8884, 17.5413, 14.5525

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.



13.8547, 15.3419, 13.0579



14.5331, 15.3419, 21.5973



15.4222, 15.3419, 13.1772

Square

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



14.5331, 15.3419, 21.5973



16.2030, 15.3419, 16.8454



14.6310, 15.3419, 12.6132



13.0730, 15.3419, 16.5649

Rectangle

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



14.5331, 15.3419, 21.5973



15.7803, 15.3419, 19.8735



14.6310, 15.3419, 12.6132



13.4460, 15.3419, 13.8920

Sweetspot

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



14.5336, 15.3425, 21.5976



31.9550, 33.6879, 39.5626



15.6599, 18.6050, 18.8602



7.2161, 7.6085, 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.



14.5336, 15.3425, 21.5976



24.2803, 25.6083, 38.4076



13.7480, 13.4249, 21.2689



4.2391, 4.4722, 5.4531



5.0477, 3.9140, 20.7394



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8294, 14.6004, 16.7365



27.0686, 24.1157, 27.9242



17.7905, 19.7924, 14.9394



4.3935, 4.3706, 4.8767



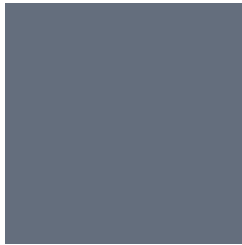
9.4248, 4.7896, 3.5610



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5331, 15.3419, 21.5973 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 14.5331, 15.3419, 21.5973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

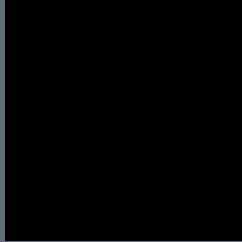
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

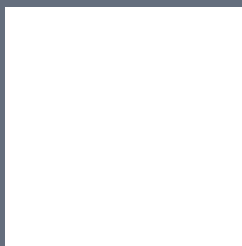
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5331, 15.3419, 21.5973

Background



This preview shows how black text looks on a background with the XYZ color 14.5331, 15.3419, 21.5973.



This preview shows how white text looks on a background with the XYZ color 14.5331, 15.3419,

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

14.5331, 15.3419, 21.5973

Protanopia

15.0641, 15.3062, 21.2292

Deuteranopia

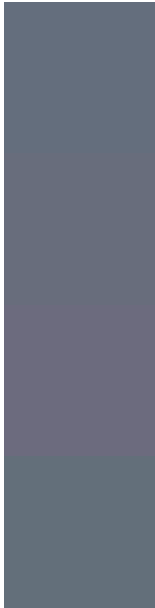
15.6020, 15.2592, 21.8617



Tritanopia

14.2202, 15.3776, 19.9880

Trichromacy



Original Color

14.5331, 15.3419, 21.5973

Protanomaly

14.8156, 15.3356, 21.2480

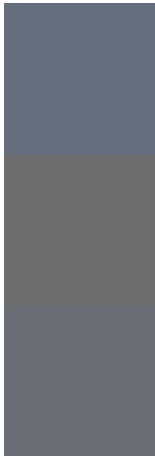
Deuteranomaly

15.2079, 15.2099, 21.8729

Tritanomaly

14.3429, 15.4267, 20.6340

Monochromacy



Original Color

14.5331, 15.3419, 21.5973

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5070, 15.2393, 18.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5331, 15.3419, 21.5973 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(100, 110, 125)` looks like.

```
.text, #text, p{  
    color:rgb(100, 110, 125)  
}
```

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(100, 110, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 110, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.5331, 15.3419, 21.5973 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(100, 110, 125) }
```


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

```
.border{ border-color:rgb(100, 110, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 110, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 110, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 110, 125);  
box-shadow:4px 4px 4px 4px rgb(100, 110,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5331, 15.3419, 21.5973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 110, 125) }
```

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

```
.background{ background-color: rgb(100,  
110, 125) }
```

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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