

Converting Colors

XYZ(14.0574, 15.0999, 21.4835)

Have a look what the booklet for
XYZ(14.0574, 15.0999, 21.4835)
contains.

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Color

**XYZ(14.1015, 15.1193,
21.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	606E7D
RGB	96, 110, 125
RGB Percent	38%, 43%, 49%
CMY	0.6235, 0.5686, 0.5098
CMYK	0.23, 0.12, 0.00, 0.51
HSL	211°, 13%, 43%
HSV	211°, 23%, 49%
XYZ	14.1015, 15.1193, 21.5771
YIQ	107.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

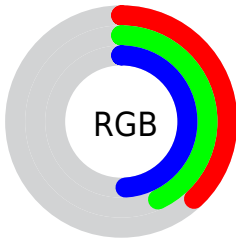
Format	Color
R_{YB}	96, 105, 125
Decimal	6319741
CIE _{Lab}	45.80, -1.67, -10.06
CIE _{LCh}	46, 10.194, 260.559
Yxy	15.1193, 0.2776, 0.2976
Android (android.graphics.Color)	4284509821 (0xFF606E7D)
YUV	107.5240, 8.6157, -10.1065
Hunter-Lab	38.8835, -3.3114, -5.6825

Details

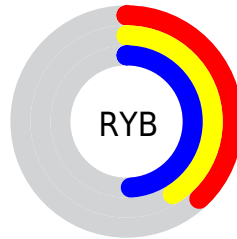
The XYZ color **14.1015, 15.1193, 21.5771** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2535, 16.5736, 13.4092**, and the grayscale version is **14.1005, 14.8348, 16.1551**.

A 20% lighter version of the original color is **32.9888, 35.2581, 47.1863**, and **4.3486, 4.7298, 7.5212** is the 20% darker color. If you saturate the color by 10%, you get **12.2173, 13.1503, 21.2966**, and if you desaturate by 10%, it is **16.2467, 17.2992, 21.8850**.

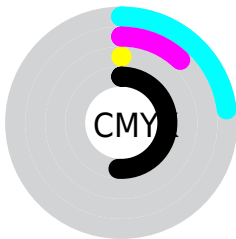
Distribution



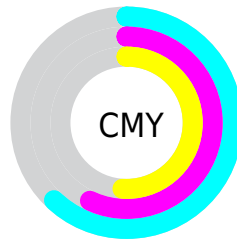
- Red (38%)
- Green (43%)
- Blue (49%)



- Red (38%)
- Yellow (41%)
- Blue (49%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1015, 15.1193, 21.5771 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 14.1015, 15.1193, 21.5771 by changing the saturation by 10% instead.

■ 14.1015, 15.1193,
21.5771

■ 14.1015, 15.1193,
21.5771

211.3593,
224.0872, 273.2108

■ 8.2735, 8.9032,
13.3512

■ 32.8538, 35.0623,
46.9392

■ 4.3237, 4.6781,
7.5372

■ 46.5087, 49.5580,
64.9125

■ 1.8868, 2.0596,
3.7168

■ 63.5034, 67.5823,
86.9719

■ 0.5692, 0.6418,
1.4713

■ 84.2031, 89.5197,
113.5361

■ 0.0000, 0.0000,
0.1964

108.9732,
115.7544, 145.0235

■ 0.0000, 0.0000,
0.0000

138.1790,

146.6710, 181.8528

172.1859,
182.6538, 224.4424

■ 14.1015, 15.1193,
21.5771

■ 14.1015, 15.1193,
21.5771

■ 12.2173, 13.1503,
21.2966

■ 16.2467, 17.2992,
21.8850

■ 10.5817, 11.3830,
21.0417

■ 18.6618, 19.6950,
22.2202

■ 9.1835, 9.8104,
20.8118

■ 21.3568, 22.3137,
22.5836

■ 8.0098, 8.4242,
20.6061

■ 24.3411, 25.1617,
22.9760

■ 7.0465, 7.2152,
20.4235

■ 27.6232, 28.2447,
23.3981

■ 6.2777, 6.1735,
20.2630

■ 31.2116, 31.5685,
23.8506

■ 5.6839, 5.2870,
20.1232

■ 35.1144, 35.1386,
24.3340

■ 5.3359, 4.7490,
20.0377

■ 39.3391, 38.9603,
24.8490

■ 43.8933, 43.0387,
25.3961

Harmonies

Analogous

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



13.3476, 15.1193, 20.3876



14.1015, 15.1193, 21.5771



14.9576, 15.1193, 21.2946

Triad

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



14.1015, 15.1193, 21.5771



15.9712, 15.1193, 14.8582



13.1336, 15.1193, 13.6393

Complementary

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



14.1015, 15.1193, 21.5771



16.2535, 16.5736, 13.4092

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.



13.7988, 15.1193, 12.4227



14.1015, 15.1193, 21.5771



15.4443, 15.1193, 13.0763

Square

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



14.1015, 15.1193, 21.5771



16.0601, 15.1193, 17.2497



14.6428, 15.1193, 12.2274



12.8036, 15.1193, 15.6994

Rectangle

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



14.1015, 15.1193, 21.5771



15.4701, 15.1193, 20.3194



14.6428, 15.1193, 12.2274



13.3241, 15.1193, 13.1272

Sweetspot

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



14.1020, 15.1199, 21.5774



31.6421, 33.5180, 39.5463



15.0262, 18.3017, 17.7751



7.1554, 7.5825, 8.9895



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.



14.1020, 15.1199, 21.5774



23.3475, 25.0978, 38.3582



12.7599, 12.3600, 21.1155



4.2668, 4.5276, 5.4623



5.5620, 4.9424, 20.9108



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4552, 13.8520, 16.6116



26.2670, 22.5287, 27.6073



17.8323, 19.8357, 13.9556



4.4075, 4.3762, 4.9504



9.6844, 4.8934, 4.9278



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1015, 15.1193, 21.5771 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 14.1015, 15.1193, 21.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

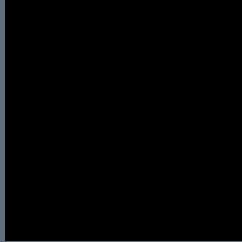
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

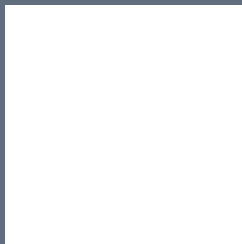
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1015, 15.1193, 21.5771

Background



This preview shows how black text looks on a background with the XYZ color 14.1015, 15.1193, 21.5771.



This preview shows how white text looks on a background with the XYZ color 14.1015, 15.1193,

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

14.1015, 15.1193, 21.5771

Protanopia

14.7767, 15.0096, 20.8572

Deuteranopia

15.3503, 15.1294, 21.8499



Tritanopia

13.7939, 15.1578, 19.9680

Trichromacy



Original Color

14.1015, 15.1193, 21.5771

Protanomaly

14.4801, 15.0051, 21.2019

Deuteranomaly

14.8493, 15.0250, 21.8561

Tritanomaly

13.9166, 15.2069, 20.6141

Monochromacy



Original Color

14.1015, 15.1193, 21.5771

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2148, 15.0952, 18.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1015, 15.1193, 21.5771 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(96, 110, 125) looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 110, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 110, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.1015, 15.1193, 21.5771 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(96, 110, 125) }
```


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

```
.border{ border-color:rgb(96, 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(96, 110, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 110, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 110, 125);  
box-shadow:4px 4px 4px 4px rgb(96, 110,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1015, 15.1193, 21.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 110, 125) }
```

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

```
.background{ background-color: rgb(96, 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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