

Converting Colors

XYZ(14.2794, 16.3240, 21.0265)

Have a look what the booklet for
XYZ(14.2794, 16.3240, 21.0265)
contains.

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Color

**XYZ(14.3501, 16.4280,
21.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	5C757B
RGB	92, 117, 123
RGB Percent	36%, 46%, 48%
CMY	0.6392, 0.5412, 0.5176
CMYK	0.25, 0.05, 0.00, 0.52
HSL	192°, 14%, 42%
HSV	192°, 25%, 48%
XYZ	14.3501, 16.4280, 21.1535
YIQ	110.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

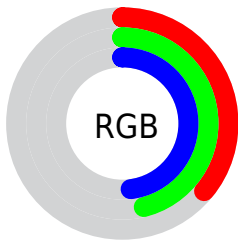
Format	Color
R_{YB}	92, 106, 123
Decimal	6059387
CIE _{Lab}	47.53, -7.60, -6.30
CIE _{LCh}	48, 9.870, 219.650
Yxy	16.4280, 0.2763, 0.3163
Android (android.graphics.Color)	4284249467 (0xFF5C757B)
YUV	110.2090, 6.3060, -15.9693
Hunter-Lab	40.5315, -7.7324, -2.5716

Details

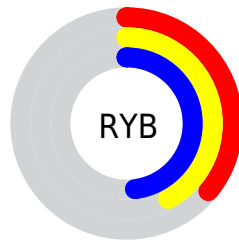
The XYZ color **14.3501, 16.4280, 21.1535** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4680, 13.7191, 12.0111**, and the grayscale version is **14.8673, 15.6416, 17.0337**.

A 20% lighter version of the original color is **33.2535, 37.3107, 46.0065**, and **4.4463, 5.3085, 7.2689** is the 20% darker color. If you saturate the color by 10%, you get **12.9461, 15.2982, 21.0097**, and if you desaturate by 10%, it is **15.9617, 17.6761, 21.3097**.

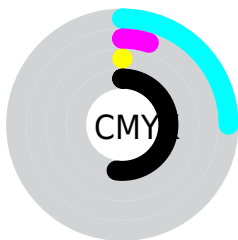
Distribution



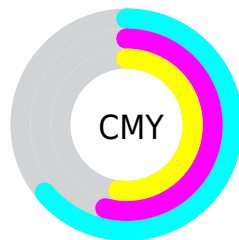
- Red (36%)
- Green (46%)
- Blue (48%)



- Red (36%)
- Yellow (42%)
- Blue (48%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3501, 16.4280, 21.1535 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 14.3501, 16.4280, 21.1535 by changing the saturation by 10% instead.

■ 14.3501, 16.4280,
21.1535

■ 14.3501, 16.4280,
21.1535

212.8654,
231.8542, 270.9009

■ 8.4479, 9.8275,
13.0439

■ 33.2901, 37.3397,
46.2270

■ 4.4371, 5.2847,
7.3277

■ 47.0585, 52.4196,
64.0279

■ 1.9522, 2.4153,
3.5863

■ 64.1798, 71.0949,
85.8964

■ 0.6069, 0.8337,
1.4013

■ 85.0192, 93.7498,
112.2510

■ 0.0000, 0.0000,
0.1427

109.9421,
120.7688, 143.5102

■ 0.0000, 0.0000,
0.0000

139.3138,

152.5363, 180.0926

173.4998,
189.4366, 222.4166

■ 14.3501, 16.4280,
21.1535

■ 14.3501, 16.4280,
21.1535

■ 12.9461, 15.2982,
21.0097

■ 15.9617, 17.6761,
21.3097

■ 11.7385, 14.2796,
20.8767

■ 17.7883, 19.0453,
21.4777

■ 10.7174, 13.3674,
20.7545

■ 19.8391, 20.5406,
21.6583

■ 9.8713, 12.5557,
20.6424

■ 22.1219, 22.1663,
21.8517

■ 9.1874, 11.8378,
20.5399

■ 24.6445, 23.9262,
22.0585

■ 8.6511, 11.2060,
20.4462

■ 27.4139, 25.8243,
22.2789

■ 8.2392, 10.6484,
20.3603

■ 30.4373, 27.8643,
22.5133

■ 8.0561, 10.3918,
20.3204

■ 33.7212, 30.0495,
22.7620

■ 37.2721, 32.3833,
23.0253

Harmonies

Analogous

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



14.0083, 16.4280, 18.7101



14.3501, 16.4280, 21.1535



15.0345, 16.4280, 22.8146

Triad

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



14.3501, 16.4280, 21.1535



17.2514, 16.4280, 19.6221



15.3330, 16.4280, 13.5313

Complementary

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



14.3501, 16.4280, 21.1535



14.4680, 13.7191, 12.0111

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.



16.2088, 16.4280, 13.7260



14.3501, 16.4280, 21.1535



17.3386, 16.4280, 17.0889

Square

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



14.3501, 16.4280, 21.1535



16.7166, 16.4280, 21.8746



16.9507, 16.4280, 14.9759



14.5616, 16.4280, 14.4166

Rectangle

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



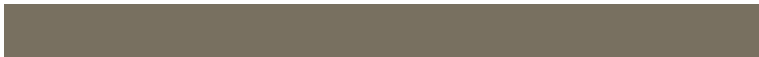
14.3501, 16.4280, 21.1535



15.6040, 16.4280, 23.1713



16.9507, 16.4280, 14.9759



15.6246, 16.4280, 13.4747

Sweetspot

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



14.3506, 16.4287, 21.1539



30.8331, 33.3474, 38.3682



13.6866, 17.3174, 14.0986



7.1591, 7.7772, 9.0269



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.



14.3506, 16.4287, 21.1539



24.2612, 28.2734, 37.7352



12.7225, 13.1725, 20.6112



4.0443, 4.3869, 5.0768



8.3301, 10.7427, 21.0198



39.1405, 50.0536, 100.0682

Inverse Universe

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



15.2068, 13.1500, 18.5671



26.0843, 21.4747, 32.1867



16.0261, 16.8352, 12.5304



4.1228, 4.0649, 4.8445



10.7880, 5.2913, 12.7064



51.1594, 25.1201, 59.0290

Previews

White Background



This preview shows how the XYZ color 14.3501, 16.4280, 21.1535 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 14.3501, 16.4280, 21.1535 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

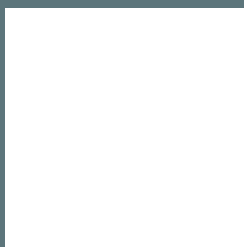
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3501, 16.4280, 21.1535

Background



This preview shows how black text looks on a background with the XYZ color 14.3501, 16.4280, 21.1535.



This preview shows how white text looks on a background with the XYZ color 14.3501, 16.4280,

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

14.3501, 16.4280, 21.1535

Protanopia

15.8664, 16.3892, 20.0965

Deuteranopia

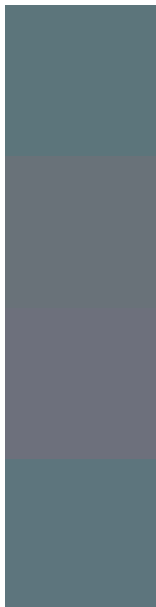
16.6415, 16.2695, 21.6653



Tritanopia

14.6414, 16.5561, 22.1626

Trichromacy



Original Color

14.3501, 16.4280, 21.1535

Protanomaly

15.2942, 16.4184, 20.4521

Deuteranomaly

15.7389, 16.2948, 21.3845

Tritanomaly

14.5772, 16.5304, 21.8244

Monochromacy



Original Color

14.3501, 16.4280, 21.1535

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5932, 15.9316, 18.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3501, 16.4280, 21.1535 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(92, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 123)  
}
```

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(92, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.3501, 16.4280, 21.1535 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(92, 117, 123) }
```


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

```
.border{ border-color:rgb(92, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3501, 16.4280, 21.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 117, 123) }
```

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

```
.background{ background-color: rgb(92, 117,  
123) }
```

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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