

Converting Colors

XYZ(14.9435, 15.3867, 21.9210)

Have a look what the booklet for
XYZ(14.9435, 15.3867, 21.9210)
contains.

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Color

**XYZ(14.9435, 15.3867,
21.9210)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 686D7E |
| RGB | 104, 109, 126 |
| RGB Percent | 41%, 43%, 49% |
| CMY | 0.5921, 0.5725, 0.5059 |
| CMYK | 0.17, 0.13, 0.00, 0.51 |
| HSL | 226°, 10%, 45% |
| HSV | 226°, 17%, 49% |
| XYZ | 14.9435, 15.3867, 21.9210 |
| YIQ | 109.4430, -8.4370, 4.2270 |

Conversions

Conversions Part 2

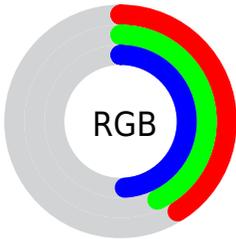
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 104, 108, 126 |
| Decimal | 6843774 |
| CIELab | 46.16, 1.93, -10.05 |
| CIELCh | 46, 10.232, 280.893 |
| Yxy | 15.3867, 0.2860, 0.2945 |
| Android (android.graphics.Color) | 4285033854 (0xFF686D7E) |
| YUV | 109.4430, 8.1626, -4.7735 |
| Hunter-Lab | 39.2259, -0.6439, -5.6755 |

Details

The XYZ color **14.9435, 15.3867, 21.9210** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9405, 19.1100, 15.8402**, and the grayscale version is **14.6414, 15.4038, 16.7748**.

A 20% lighter version of the original color is **34.2251, 35.3648, 47.6701**, and **4.7495, 4.8509, 7.7072** is the 20% darker color. If you saturate the color by 10%, you get **12.6072, 12.7253, 21.5307**, and if you desaturate by 10%, it is **17.6144, 18.3922, 22.3606**.

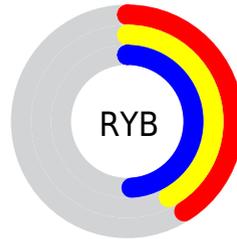
Distribution



 Red (41%)

 Green (43%)

 Blue (49%)



 Red (41%)

 Yellow (42%)

 Blue (49%)

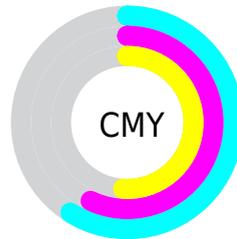


 Cyan (17%)

 Magenta (13%)

 Yellow (0%)

 Black (51%)



 Cyan (59%)

 Magenta (57%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9435, 15.3867, 21.9210 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 14.9435, 15.3867, 21.9210 by changing the saturation by 10% instead.

■ 14.9435, 15.3867,
21.9210

■ 14.9435, 15.3867,
21.9210

216.4192,
225.6950, 275.0735

■ 8.8658, 9.0912,
13.6011

■ 34.3265, 35.5302,
47.5159

■ 4.7102, 4.8007,
7.7082

■ 48.3625, 50.1469,
65.6280

■ 2.1112, 2.1308,
3.8237

■ 65.7820, 68.3062,
87.8412

■ 0.6953, 0.6819,
1.5291

■ 86.9503, 90.3925,
114.5741

■ 0.0000, 0.0000,
0.2395

112.2329,
116.7901, 146.2453

■ 0.0000, 0.0000,
0.0000

141.9949,

147.8835, 183.2732

176.6019,
184.0570, 226.0764

■ 14.9435, 15.3867,
21.9210

■ 14.9435, 15.3867,
21.9210

■ 12.6072, 12.7253,
21.5307

■ 17.6144, 18.3922,
22.3606

■ 10.5906, 10.3935,
21.1869

■ 20.6311, 21.7517,
22.8500

■ 8.8800, 8.3789,
20.8882

■ 24.0060, 25.4770,
23.3912

■ 7.4598, 6.6673,
20.6327

■ 27.7505, 29.5788,
23.9856

■ 6.3133, 5.2435,
20.4183

■ 31.8754, 34.0675,
24.6346

■ 5.4217, 4.0907,
20.2427

■ 36.3913, 38.9528,
25.3395

■ 4.7640, 3.1904,
20.1036

■ 41.3080, 44.2444,
26.1018

■ 4.2990, 2.5130,
19.9974

■ 46.6353, 49.9513,
26.9226

■ 4.1966, 2.3676,
19.9747

■ 52.3824, 56.0826,
27.8031

Harmonies

Analogous

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



14.0830, 15.3867, 21.7089



14.9435, 15.3867, 21.9210



15.7491, 15.3867, 20.6489

Triad

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



14.9435, 15.3867, 21.9210



15.9281, 15.3867, 13.8045



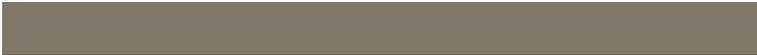
13.0979, 15.3867, 15.2314

Complementary

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



14.9435, 15.3867, 21.9210



17.9405, 19.1100, 15.8402

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.



13.5550, 15.3867, 13.3817



14.9435, 15.3867, 21.9210



15.1799, 15.3867, 12.6162

Square

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



14.9435, 15.3867, 21.9210



16.3323, 15.3867, 15.8630



14.3103, 15.3867, 12.4695



13.0402, 15.3867, 17.6767

Rectangle

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



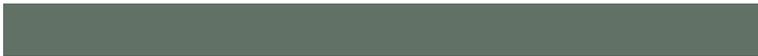
14.9435, 15.3867, 21.9210



16.1379, 15.3867, 19.1977



14.3103, 15.3867, 12.4695



13.2090, 15.3867, 14.5261

Sweetspot

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



14.9440, 15.3873, 21.9213



32.1932, 33.7024, 39.5528



16.6132, 19.2423, 20.8852



7.2559, 7.5914, 8.9859



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.



14.9440, 15.3873, 21.9213



24.5768, 25.1244, 38.2985



15.1305, 14.7139, 21.7815



4.1821, 4.3581, 5.4341



4.3024, 2.4232, 20.4909



0.0000, 0.0000, 0.0000

Inverse Universe

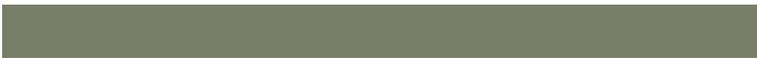
The Inverse Universe completely reimagines the original color for something new.



16.3152, 15.4408, 16.5892



27.4812, 25.2873, 26.9937



17.7241, 19.9241, 16.0088



4.3647, 4.3590, 4.7251



9.0486, 4.6391, 1.5798



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9435, 15.3867, 21.9210 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 14.9435, 15.3867, 21.9210 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

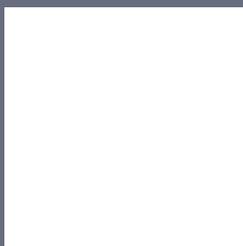
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9435, 15.3867, 21.9210

Background



This preview shows how black text looks on a background with the XYZ color 14.9435, 15.3867, 21.9210.



This preview shows how white text looks on a background with the XYZ color 14.9435, 15.3867,

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

14.9435, 15.3867, 21.9210

Protanopia

15.0723, 15.2957, 21.8966

Deuteranopia

15.7057, 15.4665, 21.8962



Tritanopia

14.4992, 15.3673, 19.6548

Trichromacy



Original Color

14.9435, 15.3867, 21.9210

Protanomaly

14.9542, 15.2347, 21.8911

Deuteranomaly

15.4351, 15.4827, 21.9136

Tritanomaly

14.6823, 15.4406, 20.6188

Monochromacy



Original Color

14.9435, 15.3867, 21.9210

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6266, 15.3009, 18.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9435, 15.3867, 21.9210 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(104, 109, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 109, 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(104, 109, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 109, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.9435, 15.3867, 21.9210 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(104, 109, 126) }
```

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

```
.border{ border-color:rgb(104, 109, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 109, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 109, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 109, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 109,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9435, 15.3867, 21.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 109, 126) }
```

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

```
.background{ background-color: rgb(104,  
109, 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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