

Converting Colors

XYZ(17.1870, 15.4502, 25.1714)

Have a look what the booklet for
XYZ(17.1870, 15.4502, 25.1714)
contains.

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Color

**XYZ(17.1506, 15.3896,
24.9882)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6687
RGB	122, 102, 135
RGB Percent	48%, 40%, 53%
CMY	0.5216, 0.6000, 0.4706
CMYK	0.10, 0.24, 0.00, 0.47
HSL	276°, 14%, 46%
HSV	276°, 24%, 53%
XYZ	17.1506, 15.3896, 24.9882
YIQ	111.7420, 1.3270, 14.5030

Conversions

Conversions Part 2

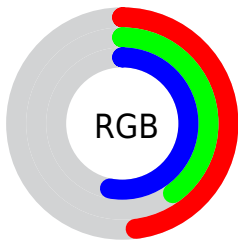
Format	Color
R_{YB}	122, 102, 135
Decimal	8021639
CIE Lab	46.16, 14.60, -15.27
CIE LCh	46, 21.125, 313.708
Yxy	15.3896, 0.2981, 0.2675
Android (android.graphics.Color)	4286211719 (0xFF7A6687)
YUV	111.7420, 11.4662, 8.9963
Hunter-Lab	39.2296, 9.3858, -10.3054

Details

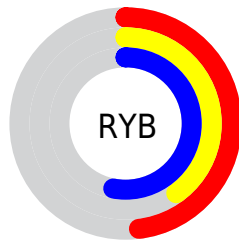
The XYZ color **17.1506, 15.3896, 24.9882** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.1330, 21.9325, 15.8488**, and the grayscale version is **15.2932, 16.0897, 17.5216**.

A 20% lighter version of the original color is **38.1475, 35.5273, 52.4238**, and **5.7535, 4.8047, 9.2185** is the 20% darker color. If you saturate the color by 10%, you get **15.1979, 12.5715, 24.5474**, and if you desaturate by 10%, it is **19.3615, 18.6624, 25.5036**.

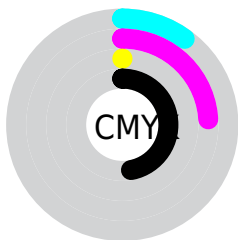
Distribution



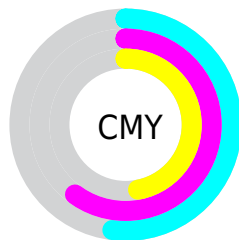
- Red (48%)
- Green (40%)
- Blue (53%)



- Red (48%)
- Yellow (40%)
- Blue (53%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1506, 15.3896, 24.9882 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 17.1506, 15.3896, 24.9882 by changing the saturation by 10% instead.

■ 17.1506, 15.3896,
24.9882

■ 17.1506, 15.3896,
24.9882

229.1781,
225.7124, 291.2250

■ 10.4379, 9.0933,
15.8493

■ 38.1261, 35.5352,
52.6020

■ 5.7547, 4.8021,
9.2644

■ 53.1195, 50.1533,
71.9139

■ 2.7358, 2.1316,
4.8149

■ 71.6040, 68.3141,
95.4540

■ 1.0156, 0.6823,
2.0822

■ 93.9447, 90.4020,
123.6407

■ 0.0000, 0.0000,
0.6052

120.5072,
116.8013, 156.8927

■ 0.0000, 0.0000,
0.0000

151.6566,

147.8966, 195.6283

187.7585,
184.0722, 240.2662

■ 17.1506, 15.3896,
24.9882

■ 17.1506, 15.3896,
24.9882

■ 15.1979, 12.5715,
24.5474

■ 19.3615, 18.6624,
25.5036

■ 13.4910, 10.1850,
24.1767

■ 21.8396, 22.4077,
26.0959

■ 12.0183, 8.2077,
23.8727

■ 24.5952, 26.6448,
26.7685

■ 10.7667, 6.6144,
23.6311

■ 27.6374, 31.3914,
27.5244

■ 9.7217, 5.3772,
23.4474

■ 30.9752, 36.6641,
28.3662

8.8668, 4.4640,
23.3162

34.6168, 42.4789,
29.2966

8.1804, 3.8329,
23.2305

38.5704, 48.8509,
30.3182

7.8371, 3.5350,
23.1911

42.8437, 55.7950,
31.4333

47.4441, 63.3251,
32.6443

Harmonies

Analogous

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



15.4626, 15.3896, 28.3439



17.1506, 15.3896, 24.9882



18.2058, 15.3896, 19.6928

Triad

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



17.1506, 15.3896, 24.9882



15.6195, 15.3896, 8.9319



11.5170, 15.3896, 19.2161

Complementary

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



17.1506, 15.3896, 24.9882



18.1330, 21.9325, 15.8488

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.



11.5515, 15.3896, 14.1279



17.1506, 15.3896, 24.9882



13.8227, 15.3896, 8.8561

Square

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



17.1506, 15.3896, 24.9882



17.2735, 15.3896, 10.8002



12.3646, 15.3896, 10.5662



12.2662, 15.3896, 24.5781

Rectangle

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



17.1506, 15.3896, 24.9882



18.3586, 15.3896, 16.1240



12.3646, 15.3896, 10.5662



11.4393, 15.3896, 17.4057

Sweetspot

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



17.1511, 15.3903, 24.9885



37.8574, 38.2215, 46.4305



16.0068, 16.8818, 25.3367



8.7174, 8.7759, 10.7408



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.1511, 15.3903, 24.9885



28.8366, 24.8336, 44.3219



18.8878, 16.3120, 23.8756



4.6850, 4.6737, 5.8559



7.2419, 3.2675, 21.3857



0.0333, 0.0156, 0.0745

Inverse Universe

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



17.8380, 15.8921, 18.3476



30.3301, 25.9175, 30.2025



16.7092, 21.1792, 16.6536



4.7429, 4.7169, 5.2585



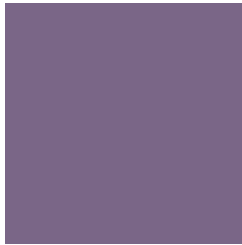
9.8163, 4.9909, 3.6049



0.0374, 0.0187, 0.0305

Previews

White Background



This preview shows how the XYZ color 17.1506, 15.3896, 24.9882 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 17.1506, 15.3896, 24.9882 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 17.1506, 15.3896, 24.9882

Background



This preview shows how black text looks on a background with the XYZ color 17.1506, 15.3896, 24.9882.



This preview shows how white text looks on a background with the XYZ color 17.1506, 15.3896,

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

17.1506, 15.3896, 24.9882

Protanopia

15.5023, 15.4140, 26.5842

Deuteranopia

15.7451, 15.4248, 24.7017



Tritanopia

15.7990, 15.4449, 18.0681

Trichromacy



Original Color

17.1506, 15.3896, 24.9882

Protanomaly

16.0482, 15.3943, 26.1703

Deuteranomaly

16.1647, 15.3351, 24.6623

Tritanomaly

16.3102, 15.5014, 20.5448

Monochromacy



Original Color

17.1506, 15.3896, 24.9882

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9552, 15.7942, 19.9770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1506, 15.3896, 24.9882 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(122, 102, 135)` looks like.

```
.text, #text, p{  
    color:rgb(122, 102, 135)  
}
```

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(122, 102, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 102, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.1506, 15.3896, 24.9882 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(122, 102, 135) }
```


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

```
.border{ border-color:rgb(122, 102, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 102, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 102, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 102, 135);  
box-shadow:4px 4px 4px 4px rgb(122, 102,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1506, 15.3896, 24.9882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 102, 135) }
```

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

```
.background{ background-color: rgb(122,  
102, 135) }
```

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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