

Converting Colors

XYZ(17.2551, 15.0637, 21.7383)

Have a look what the booklet for
XYZ(17.2551, 15.0637, 21.7383)
contains.

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Color

**XYZ(17.2810, 15.0972,
21.7419)**

Conversions

Conversions Part 1

Format	Color
Hex	81637E
RGB	129, 99, 126
RGB Percent	51%, 39%, 49%
CMY	0.4941, 0.6118, 0.5059
CMYK	0.00, 0.23, 0.02, 0.49
HSL	306°, 13%, 45%
HSV	306°, 23%, 51%
XYZ	17.2810, 15.0972, 21.7419
YIQ	111.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

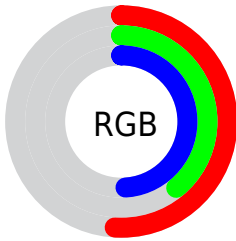
Format	Color
R_{YB}	129, 99, 126
Decimal	8479614
CIE _{Lab}	45.77, 17.02, -10.40
CIE _{LCh}	46, 19.947, 328.563
Yxy	15.0972, 0.3193, 0.2790
Android (android.graphics.Color)	4286669694 (0xFF81637E)
YUV	111.0480, 7.3713, 15.7439
Hunter-Lab	38.8551, 11.3923, -5.9779

Details

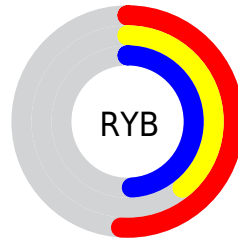
The XYZ color **17.2810, 15.0972, 21.7419** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.3947, 19.3129, 15.4876**, and the grayscale version is **15.1012, 15.8876, 17.3016**.

A 20% lighter version of the original color is **38.3344, 35.0124, 47.3855**, and **5.7920, 4.6541, 7.6142** is the 20% darker color. If you saturate the color by 10%, you get **16.0726, 12.8125, 20.9312**, and if you desaturate by 10%, it is **18.6866, 17.7741, 22.6240**.

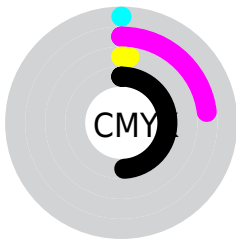
Distribution



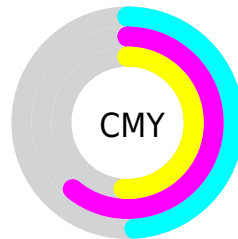
- Red (51%)
- Green (39%)
- Blue (49%)



- Red (51%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2810, 15.0972, 21.7419 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 17.2810, 15.0972, 21.7419 by changing the saturation by 10% instead.

■ 17.2810, 15.0972,
21.7419

■ 17.2810, 15.0972,
21.7419

229.9113,
223.9538, 274.1048

■ 10.5316, 8.8876,
13.4709

■ 38.3480, 35.0236,
47.2157

■ 5.8178, 4.6680,
7.6191

■ 53.3964, 49.5092,
65.2557

■ 2.7742, 2.0538,
3.7679

■ 71.9418, 67.5223,
87.3889

■ 1.0355, 0.6384,
1.4989

■ 94.3495, 89.4473,
114.0341

■ 0.0000, 0.0000,
0.2171

120.9850,
115.6685, 145.6098

■ 0.0000, 0.0000,
0.0000

152.2135,

146.5704, 182.5344

188.4005,
182.5374, 225.2266

■ 17.2810, 15.0972,
21.7419

■ 17.2810, 15.0972,
21.7419

■ 16.0726, 12.8125,
20.9312

■ 18.6866, 17.7741,
22.6240

■ 15.0508, 10.8996,
20.1877

■ 20.2968, 20.8586,
23.5795

■ 14.2061, 9.3391,
19.5086

■ 22.1200, 24.3674,
24.6113

■ 13.5275, 8.1091,
18.8900

■ 24.1640, 28.3161,
25.7220

■ 13.0028, 7.1854,
18.3280

■ 26.4360, 32.7191,
26.9142

■ 12.6182, 6.5401,
17.8179

■ 28.9431, 37.5904,
28.1901

■ 12.3569, 6.1397,
17.3540

■ 31.6918, 42.9434,
29.5519

■ 12.2115, 5.9304,
17.0543

■ 34.6886, 48.7907,
31.0019

■ 37.9397, 55.1448,
32.5421

Harmonies

Analogous

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



15.9475, 15.0972, 25.9589



17.2810, 15.0972, 21.7419



17.8213, 15.0972, 16.6710

Triad

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



17.2810, 15.0972, 21.7419



14.4305, 15.0972, 8.8253



11.6990, 15.0972, 21.2621

Complementary

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



17.2810, 15.0972, 21.7419



15.3947, 19.3129, 15.4876

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.



11.3606, 15.0972, 16.2078



17.2810, 15.0972, 21.7419



12.8619, 15.0972, 9.5869

Square

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



17.2810, 15.0972, 21.7419



16.0982, 15.0972, 9.7495



11.7697, 15.0972, 12.0760



12.7321, 15.0972, 25.6461

Rectangle

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



17.2810, 15.0972, 21.7419



17.6293, 15.0972, 13.6695



11.7697, 15.0972, 12.0760



11.5039, 15.0972, 19.5578

Sweetspot

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



17.2815, 15.0979, 21.7422



35.1745, 35.1038, 41.5401



13.9045, 13.3343, 22.6101



7.9326, 7.8901, 9.3853



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.2815, 15.0979, 21.7422



29.7348, 24.7408, 38.1350



16.3849, 14.7392, 17.0210



4.4802, 4.4052, 5.3333



11.9071, 5.7825, 16.6325



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2815, 15.0979, 21.7422



29.7348, 24.7408, 38.1350



16.2073, 19.6379, 19.7664



4.4802, 4.4052, 5.3333



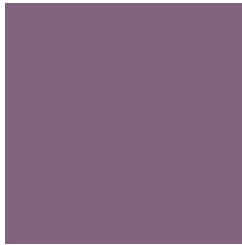
11.9071, 5.7825, 16.6325



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2810, 15.0972, 21.7419 looks on a white background.

Color Contrast Check

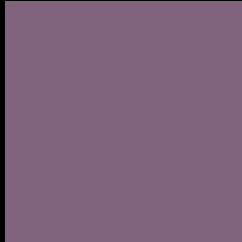
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2810, 15.0972, 21.7419 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 17.2810, 15.0972, 21.7419

Background



This preview shows how black text looks on a background with the XYZ color 17.2810, 15.0972, 21.7419.



This preview shows how white text looks on a background with the XYZ color 17.2810, 15.0972,

21.7419.

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

17.2810, 15.0972, 21.7419

Protanopia

15.1209, 15.2746, 23.9811

Deuteranopia

15.4113, 15.1682, 21.5175



Tritanopia

16.3182, 15.1406, 16.8142

Trichromacy



Original Color

17.2810, 15.0972, 21.7419

Protanomaly

15.7629, 15.1596, 23.2144

Deuteranomaly

16.0231, 15.0327, 21.4591

Tritanomaly

16.7082, 15.1575, 18.5681

Monochromacy



Original Color

17.2810, 15.0972, 21.7419

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.8813, 15.6279, 18.7024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2810, 15.0972, 21.7419 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(129, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(129, 99, 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(129, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 99, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.2810, 15.0972, 21.7419 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(129, 99, 126) }
```


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

```
.border{ border-color:rgb(129, 99, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 99, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(129, 99,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2810, 15.0972, 21.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 99, 126) }
```

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

```
.background{ background-color: rgb(129, 99,  
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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