

Converting Colors

XYZ(17.9439, 16.5170, 26.6685)

Have a look what the booklet for
XYZ(17.9439, 16.5170, 26.6685)
contains.

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Color

**XYZ(17.9439, 16.5170,
26.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6B8B
RGB	122, 107, 139
RGB Percent	48%, 42%, 55%
CMY	0.5216, 0.5804, 0.4549
CMYK	0.12, 0.23, 0.00, 0.45
HSL	268°, 13%, 48%
HSV	268°, 23%, 55%
XYZ	17.9439, 16.5170, 26.6685
YIQ	115.1330, -1.3320, 13.1320

Conversions

Conversions Part 2

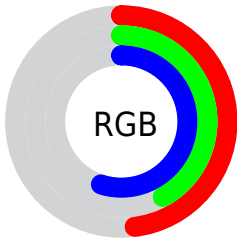
Format	Color
R_{YB}	122, 107, 139
Decimal	8022923
CIE _{Lab}	47.65, 12.50, -15.40
CIE _{LCh}	48, 19.834, 309.062
Yxy	16.5170, 0.2935, 0.2702
Android (android.graphics.Color)	4286213003 (0xFF7A6B8B)
YUV	115.1330, 11.7664, 6.0224
Hunter-Lab	40.6411, 7.6895, -10.4570

Details

The XYZ color **17.9439, 16.5170, 26.6685** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.1992, 23.8123, 17.4423**, and the grayscale version is **16.3021, 17.1511, 18.6776**.

A 20% lighter version of the original color is **39.5317, 37.4179, 55.5909**, and **6.1667, 5.3695, 10.1626** is the 20% darker color. If you saturate the color by 10%, you get **15.6035, 13.3297, 26.1769**, and if you desaturate by 10%, it is **20.5978, 20.2126, 27.2422**.

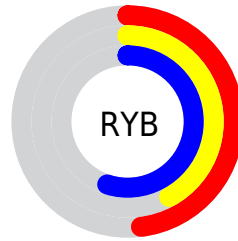
Distribution



Red (48%)

Green (42%)

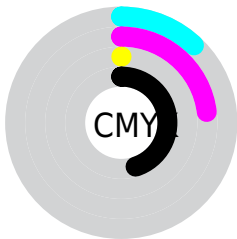
Blue (55%)



Red (48%)

Yellow (42%)

Blue (55%)

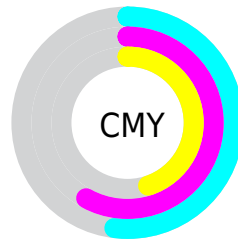


Cyan (12%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9439, 16.5170, 26.6685 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 17.9439, 16.5170, 26.6685 by changing the saturation by 10% instead.

■ 17.9439, 16.5170,
26.6685

■ 17.9439, 16.5170,
26.6685

233.6064,
232.3734, 299.7577

■ 11.0092, 9.8907,
17.0942

■ 39.4725, 37.4934,
55.3487

■ 6.1403, 5.3266,
10.1390

■ 54.7972, 52.6124,
75.2917

■ 2.9721, 2.4401,
5.3844

■ 73.6491, 71.3311,
99.5280

■ 1.1390, 0.8464,
2.4119

■ 96.3937, 94.0338,
128.4761

■ 0.0574, 0.0000,
0.7929

123.3964,
121.1050, 162.5545

■ 0.0000, 0.0000,
0.0000

155.0225,

152.9291, 202.1820

191.6374,
189.8904, 247.7768

■ 17.9439, 16.5170,
26.6685

■ 17.9439, 16.5170,
26.6685

■ 15.6035, 13.3297,
26.1769

■ 20.5978, 20.2126,
27.2422

■ 13.5622, 10.6255,
25.7625

■ 23.5757, 24.4361,
27.9005

■ 11.8066, 8.3801,
25.4217

■ 26.8895, 29.2084,
28.6470

■ 10.3217, 6.5663,
25.1498

■ 30.5500, 34.5488,
29.4848

■ 9.0909, 5.1536,
24.9420

■ 34.5675, 40.4756,
30.4171

8.0955, 4.1078,
24.7926

38.9520, 47.0063,
31.4466

7.3136, 3.3883,
24.6949

43.7127, 54.1577,
32.5760

6.8504, 2.9932,
24.6431

48.8589, 61.9457,
33.8080

54.3994, 70.3859,
35.1451

Harmonies

Analogous

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



16.2414, 16.5170, 29.4355



17.9439, 16.5170, 26.6685



19.0987, 16.5170, 21.6990

Triad

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



17.9439, 16.5170, 26.6685



16.9474, 16.5170, 10.3273



12.5707, 16.5170, 19.5643

Complementary

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



17.9439, 16.5170, 26.6685



20.1992, 23.8123, 17.4423

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.



12.7286, 16.5170, 14.7196



17.9439, 16.5170, 26.6685



15.1687, 16.5170, 9.9707

Square

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



17.9439, 16.5170, 26.6685



18.4940, 16.5170, 12.5123



13.6494, 16.5170, 11.4253



13.2007, 16.5170, 24.8560

Rectangle

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



17.9439, 16.5170, 26.6685



19.3556, 16.5170, 18.1443



13.6494, 16.5170, 11.4253



12.5345, 16.5170, 17.8251

Sweetspot

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



17.9444, 16.5177, 26.6689



39.9441, 40.5179, 49.4584



17.9402, 19.4225, 27.2298



9.1438, 9.2506, 11.3831



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.9444, 16.5177, 26.6689



29.7245, 26.2800, 47.2489



20.3886, 17.7777, 26.7833



4.9830, 4.9996, 6.3082



6.2023, 2.7115, 22.2422



0.0579, 0.0266, 0.1485

Inverse Universe

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



19.5438, 17.4603, 21.4097



33.2083, 28.3341, 35.7462



18.0795, 22.7195, 17.3431



5.1366, 5.0901, 5.8079



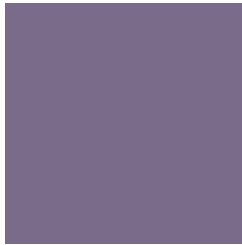
10.7295, 5.4019, 6.3457



0.0787, 0.0388, 0.0812

Previews

White Background



This preview shows how the XYZ color 17.9439, 16.5170, 26.6685 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 17.9439, 16.5170, 26.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

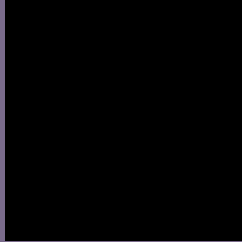
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9439, 16.5170, 26.6685

Background



This preview shows how black text looks on a background with the XYZ color 17.9439, 16.5170, 26.6685.



This preview shows how white text looks on a background with the XYZ color 17.9439, 16.5170,

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

17.9439, 16.5170, 26.6685

Protanopia

16.6205, 16.6055, 27.9204

Deuteranopia

16.8274, 16.5834, 26.3588



Tritanopia

16.6220, 16.6227, 19.7852

Trichromacy



Original Color

17.9439, 16.5170, 26.6685

Protanomaly

17.0657, 16.5197, 27.4885

Deuteranomaly

17.2336, 16.6317, 26.3467

Tritanomaly

17.0876, 16.6513, 22.0521

Monochromacy



Original Color

17.9439, 16.5170, 26.6685

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9035, 16.8951, 21.4390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9439, 16.5170, 26.6685 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, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(122, 107, 139)  
}
```

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, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 107, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.9439, 16.5170, 26.6685 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, 107, 139) }
```


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

```
.border{ border-color:rgb(122, 107, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 107, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 107, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 107, 139); box-shadow:4px 4px 4px 4px rgb(122, 107, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9439, 16.5170, 26.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 107, 139) }
```

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

```
.background{ background-color: rgb(122,  
107, 139) }
```

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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