

Converting Colors

XYZ(19.5689, 17.3215, 21.9991)

Have a look what the booklet for
XYZ(19.5689, 17.3215, 21.9991)
contains.

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Color

**XYZ(19.5674, 17.3034,
22.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6A7E
RGB	139, 106, 126
RGB Percent	55%, 42%, 49%
CMY	0.4549, 0.5843, 0.5059
CMYK	0.00, 0.24, 0.09, 0.45
HSL	324°, 13%, 48%
HSV	324°, 24%, 55%
XYZ	19.5674, 17.3034, 22.0472
YIQ	118.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

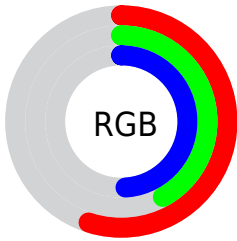
Format	Color
R_{YB}	139, 106, 126
Decimal	9136766
CIE _{Lab}	48.64, 16.61, -5.99
CIE _{LCh}	49, 17.663, 340.159
Yxy	17.3034, 0.3321, 0.2937
Android (android.graphics.Color)	4287326846 (0xFF8B6A7E)
YUV	118.1470, 3.8715, 18.2881
Hunter-Lab	41.5974, 11.1710, -2.3064

Details

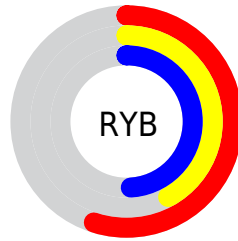
The XYZ color **19.5674, 17.3034, 22.0472** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5070, 22.8618, 20.8912**, and the grayscale version is **17.2517, 18.1501, 19.7655**.

A 20% lighter version of the original color is **42.3559, 39.0458, 47.9520**, and **6.8771, 5.6366, 7.7467** is the 20% darker color. If you saturate the color by 10%, you get **17.9058, 14.5301, 19.7974**, and if you desaturate by 10%, it is **21.4816, 20.5504, 24.4770**.

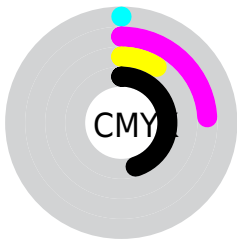
Distribution



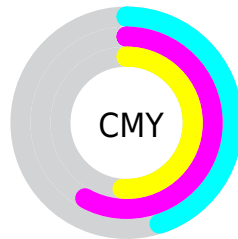
- Red (55%)
- Green (42%)
- Blue (49%)



- Red (55%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5674, 17.3034, 22.0472 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 19.5674, 17.3034, 22.0472 by changing the saturation by 10% instead.

■ 19.5674, 17.3034,
22.0472

■ 19.5674, 17.3034,
22.0472

242.4419,
236.9148, 275.7542

■ 12.1874, 10.4510,
13.6929

■ 42.2002, 38.8467,
47.7272

■ 6.9446, 5.6990,
7.7711

■ 58.1837, 54.3064,
65.8900

■ 3.4735, 2.6629,
3.8632

■ 77.7658, 73.4041,
88.1594

■ 1.4088, 0.9584,
1.5506

■ 101.3118, 96.5240,
114.9539

■ 0.2625, 0.0000,
0.2552

129.1870,
124.0507, 146.6921

■ 0.0000, 0.0000,
0.0000

161.7569,

156.3684, 183.7926

199.3867,
193.8616, 226.6737

■ 19.5674, 17.3034,
22.0472

■ 19.5674, 17.3034,
22.0472

■ 17.9058, 14.5301,
19.7974

■ 21.4816, 20.5504,
24.4770

■ 16.4837, 12.2056,
17.7213

■ 23.6576, 24.2898,
27.0908

■ 15.2893, 10.3066,
15.8134

■ 26.1059, 28.5419,
29.8938

■ 14.3090, 8.8063,
14.0677

■ 28.8361, 33.3254,
32.8905

■ 13.5278, 7.6750,
12.4776

■ 31.8572, 38.6580,
36.0854

■ 12.9283, 6.8790,
11.0355

■ 35.1779, 44.5565,
39.4827

■ 12.4897, 6.3770,
9.7329

■ 38.8065, 51.0370,
43.0864

■ 12.2572, 6.1329,
8.9742

■ 42.7509, 58.1151,
46.9006

■ 47.0188, 65.8056,
50.9291

Harmonies

Analogous

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



18.5471, 17.3034, 26.5491



19.5674, 17.3034, 22.0472



19.7212, 17.3034, 17.3042

Triad

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



19.5674, 17.3034, 22.0472



15.9008, 17.3034, 11.3272



14.1699, 17.3034, 25.2280

Complementary

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



19.5674, 17.3034, 22.0472



18.5070, 22.8618, 20.8912

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.



13.5557, 17.3034, 20.4651



19.5674, 17.3034, 22.0472



14.5106, 17.3034, 12.7902

Square

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



19.5674, 17.3034, 22.0472



17.5309, 17.3034, 11.6082



13.6762, 17.3034, 15.9608



15.4075, 17.3034, 28.5850

Rectangle

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



19.5674, 17.3034, 22.0472



19.3017, 17.3034, 14.6889



13.6762, 17.3034, 15.9608



13.8875, 17.3034, 23.7087

Sweetspot

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



19.5679, 17.3042, 22.0476



40.9821, 41.1111, 46.8791



17.3748, 16.0703, 26.6125



9.3988, 9.3964, 10.7490



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.



19.5679, 17.3042, 22.0476



33.5377, 28.4659, 37.4810



18.6084, 16.9204, 16.9951



5.1518, 5.0961, 5.8877



11.0711, 5.5386, 8.1446



0.0808, 0.0397, 0.0922

Inverse Universe

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



19.5679, 17.3042, 22.0476



33.5377, 28.4659, 37.4810



19.5608, 23.2834, 26.4407



5.1518, 5.0961, 5.8877



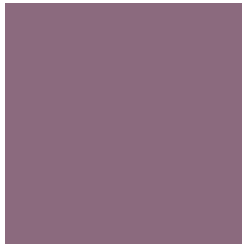
11.0711, 5.5386, 8.1446



0.0808, 0.0397, 0.0922

Previews

White Background



This preview shows how the XYZ color 19.5674, 17.3034, 22.0472 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 19.5674, 17.3034, 22.0472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

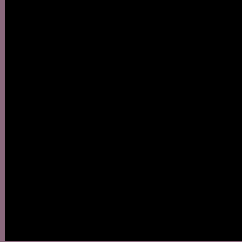
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.5674, 17.3034, 22.0472

Background



This preview shows how black text looks on a background with the XYZ color 19.5674, 17.3034, 22.0472.



This preview shows how white text looks on a background with the XYZ color 19.5674, 17.3034,

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

19.5674, 17.3034, 22.0472

Protanopia

17.1056, 17.4381, 24.2941

Deuteranopia

17.6642, 17.2800, 21.8064



Tritanopia

18.9962, 17.3894, 18.8783

Trichromacy



Original Color

19.5674, 17.3034, 22.0472

Protanomaly

17.8495, 17.3376, 23.5248

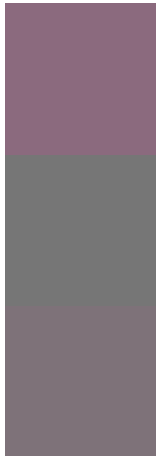
Deuteranomaly

18.3309, 17.2997, 21.7751

Tritanomaly

19.1291, 17.2747, 20.0954

Monochromacy



Original Color

19.5674, 17.3034, 22.0472

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0727, 17.8507, 20.5822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5674, 17.3034, 22.0472 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(139, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 106, 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(139, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 106, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.5674, 17.3034, 22.0472 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(139, 106, 126) }
```


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

```
.border{ border-color:rgb(139, 106, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 106,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5674, 17.3034, 22.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 106, 126) }
```

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

```
.background{ background-color: rgb(139,  
106, 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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