

Converting Colors

XYZ(22.7259, 17.3894, 26.4702)

Have a look what the booklet for
XYZ(22.7259, 17.3894, 26.4702)
contains.

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Color

**XYZ(22.7477, 17.3979,
26.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	9D608B
RGB	157, 96, 139
RGB Percent	62%, 38%, 55%
CMY	0.3843, 0.6235, 0.4549
CMYK	0.00, 0.39, 0.11, 0.38
HSL	318°, 24%, 50%
HSV	318°, 39%, 62%
XYZ	22.7477, 17.3979, 26.5853
YIQ	119.1410, 22.5530, 26.3050

Conversions

Conversions Part 2

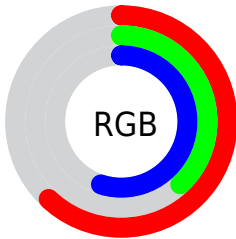
Format	Color
R_{YB}	157, 96, 139
Decimal	10313867
CIE _{Lab}	48.76, 31.31, -13.35
CIE _{LCh}	49, 34.036, 336.901
Yxy	17.3979, 0.3409, 0.2607
Android (android.graphics.Color)	4288503947 (0xFF9D608B)
YUV	119.1410, 9.7905, 33.2023
Hunter-Lab	41.7108, 24.3542, -8.5922

Details

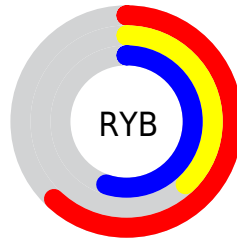
The XYZ color **22.7477, 17.3979, 26.5853** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9188, 27.8162, 20.2400**, and the grayscale version is **17.5446, 18.4583, 20.1011**.

A 20% lighter version of the original color is **47.6561, 39.1762, 55.5021**, and **8.5286, 5.6974, 10.1014** is the 20% darker color. If you saturate the color by 10%, you get **21.1245, 14.6816, 24.4093**, and if you desaturate by 10%, it is **24.6724, 20.6937, 28.9329**.

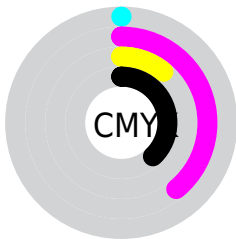
Distribution



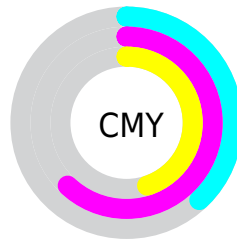
- Red (62%)
- Green (38%)
- Blue (55%)



- Red (62%)
- Yellow (38%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7477, 17.3979, 26.5853 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 22.7477, 17.3979, 26.5853 by changing the saturation by 10% instead.

■ 22.7477, 17.3979,
26.5853

■ 22.7477, 17.3979,
26.5853

258.9861,
237.4550, 299.3400

■ 14.5270, 10.5186,
17.0323

■ 47.4484, 39.0086,
55.2133

■ 8.5722, 5.7441,
10.0953

■ 64.6592, 54.5089,
75.1254

■ 4.5181, 2.6901,
5.3558

■ 85.5973, 73.6515,
99.3277

■ 1.9992, 0.9722,
2.3951

■ 110.6281, 96.8210,
128.2386

■ 0.6335, 0.0000,
0.7838

140.1171,
124.4017, 162.2768

■ 0.0000, 0.0000,
0.0000

174.4295,

156.7780, 201.8607

213.9307,
194.3343, 247.4089

■ 22.7477, 17.3979,
26.5853

■ 22.7477, 17.3979,
26.5853

■ 21.1245, 14.6816,
24.4093

■ 24.6724, 20.6937,
28.9329

■ 19.7839, 12.5080,
22.3973

■ 26.9129, 24.5980,
31.4572

■ 18.7072, 10.8400,
20.5424

■ 29.4843, 29.1409,
34.1644

■ 17.8730, 9.6347,
18.8364

■ 32.4007, 34.3497,
37.0598

■ 17.2559, 8.8420,
17.2700

■ 35.6748, 40.2500,
40.1486

■ 16.8047, 8.3595,
15.8252

■ 39.3190, 46.8662,
43.4356

■ 16.7559, 8.3086,
15.6644

■ 43.3450, 54.2215,
46.9256

■ 47.7640, 62.3380,
50.6231

■ 52.5867, 71.2368,
54.5324

Harmonies

Analogous

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



20.4407, 17.3979, 36.4487



22.7477, 17.3979, 26.5853



23.2977, 17.3979, 16.9372

Triad

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



22.7477, 17.3979, 26.5853



15.8200, 17.3979, 6.4245



12.1552, 17.3979, 31.3654

Complementary

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



22.7477, 17.3979, 26.5853



19.9188, 27.8162, 20.2400

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.



11.2285, 17.3979, 21.1020



22.7477, 17.3979, 26.5853



13.1636, 17.3979, 8.1924

Square

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



22.7477, 17.3979, 26.5853



19.0247, 17.3979, 7.0588



11.5728, 17.3979, 12.9271



14.2747, 17.3979, 39.7644

Rectangle

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



22.7477, 17.3979, 26.5853



22.5386, 17.3979, 12.1365



11.5728, 17.3979, 12.9271



11.7070, 17.3979, 27.9124

Sweetspot

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



22.7482, 17.3987, 26.5857



51.1787, 49.3074, 59.5087



17.1160, 14.3305, 33.7626



11.1408, 10.6361, 12.9682



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.7482, 17.3987, 26.5857



38.0845, 26.7108, 44.0703



20.8602, 16.6435, 16.6432



6.8207, 6.7212, 7.9068



13.6254, 6.7547, 12.8104



0.2611, 0.1278, 0.3210

Inverse Universe

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



22.7482, 17.3987, 26.5857



38.0845, 26.7108, 44.0703



21.8990, 28.6082, 30.6671



6.8207, 6.7212, 7.9068



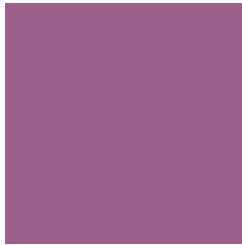
13.6254, 6.7547, 12.8104



0.2611, 0.1278, 0.3210

Previews

White Background



This preview shows how the XYZ color 22.7477, 17.3979, 26.5853 looks on a white background.

Color Contrast Check

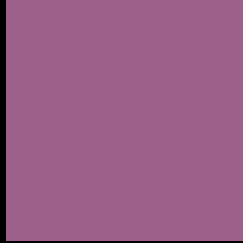
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7477, 17.3979, 26.5853 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 22.7477, 17.3979, 26.5853

Background



This preview shows how black text looks on a background with the XYZ color 22.7477, 17.3979, 26.5853.



This preview shows how white text looks on a background with the XYZ color 22.7477, 17.3979,

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

22.7477, 17.3979, 26.5853

Protanopia

17.7421, 17.5926, 32.1664

Deuteranopia

17.8203, 17.4394, 25.7195



Tritanopia

20.8381, 17.4769, 16.7431

Trichromacy



Original Color

22.7477, 17.3979, 26.5853

Protanomaly

19.0865, 17.1917, 29.9161

Deuteranomaly

19.2888, 17.2271, 25.9754

Tritanomaly

21.4649, 17.4390, 20.0040

Monochromacy



Original Color

22.7477, 17.3979, 26.5853

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.1232, 17.8618, 22.1784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7477, 17.3979, 26.5853 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(157, 96, 139)` looks like.

```
.text, #text, p{  
    color:rgb(157, 96, 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(157, 96, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.7477, 17.3979, 26.5853 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(157, 96, 139) }
```


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

```
.border{ border-color:rgb(157, 96, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 96, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 139);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7477, 17.3979, 26.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 139) }
```

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

```
.background{ background-color: rgb(157, 96,  
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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