

Converting Colors

XYZ(23.1903, 19.2686, 22.0668)

Have a look what the booklet for
XYZ(23.1903, 19.2686, 22.0668)
contains.

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Color

**XYZ(23.3217, 19.3927,
22.2526)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6B7E
RGB	159, 107, 126
RGB Percent	62%, 42%, 49%
CMY	0.3765, 0.5804, 0.5059
CMYK	0.00, 0.33, 0.21, 0.38
HSL	338°, 21%, 52%
HSV	338°, 33%, 62%
XYZ	23.3217, 19.3927, 22.2526
YIQ	124.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

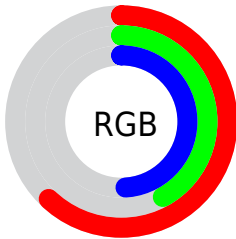
Format	Color
R_{YB}	159, 107, 126
Decimal	10447742
CIE _{Lab}	51.14, 23.61, -2.04
CIE _{LCh}	51, 23.700, 355.057
Yxy	19.3927, 0.3590, 0.2985
Android (android.graphics.Color)	4288637822 (0xFF9F6B7E)
YUV	124.7140, 0.6340, 30.0688
Hunter-Lab	44.0371, 17.4671, 0.8659

Details

The XYZ color **23.3217, 19.3927, 22.2526** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1961, 29.8161, 29.3450**, and the grayscale version is **19.3895, 20.3992, 22.2148**.

A 20% lighter version of the original color is **48.5592, 42.4980, 48.2914**, and **8.8474, 6.7279, 7.8535** is the 20% darker color. If you saturate the color by 10%, you get **21.1953, 16.1298, 18.4917**, and if you desaturate by 10%, it is **25.8197, 23.2933, 26.4620**.

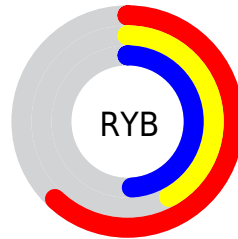
Distribution



Red (62%)

Green (42%)

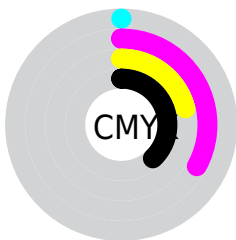
Blue (49%)



Red (62%)

Yellow (42%)

Blue (49%)

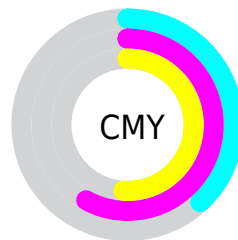


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3217, 19.3927, 22.2526 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 23.3217, 19.3927, 22.2526 by changing the saturation by 10% instead.

■ 23.3217, 19.3927,
22.2526

■ 23.3217, 19.3927,
22.2526

261.8776,
248.6082, 276.8590

■ 14.9532, 11.9544,
13.8425

■ 48.3838, 42.3966,
48.0707

■ 8.8727, 6.7126,
7.8737

■ 65.8081, 58.7310,
66.3158

■ 4.7147, 3.2830,
3.9276

■ 86.9818, 78.7995,
88.6763

■ 2.1139, 1.2812,
1.5857

■ 112.2702,
102.9866, 115.5707

■ 0.6967, 0.1266,
0.2806

142.0386,
131.6766, 147.4177

■ 0.0000, 0.0000,
0.0000

176.6524,

165.2540, 184.6357

216.4769,
204.1030, 227.6433

■ 23.3217, 19.3927,
22.2526

■ 23.3217, 19.3927,
22.2526

■ 21.1953, 16.1298,
18.4917

■ 25.8197, 23.2933,
26.4620

■ 19.4202, 13.4677,
15.1622

■ 28.7050, 27.8606,
31.1335

■ 17.9766, 11.3698,
12.2477


■ 31.9944, 33.1249,
36.2817


■ 16.8419, 9.7943,
9.7303

■ 35.7029, 39.1141,
41.9202


■ 15.9905, 8.6937,
7.5901


■ 39.8452, 45.8544,
48.0620

 15.3923, 8.0114,
5.8054

 44.4350, 53.3706,
54.7195

 15.0642, 7.6774,
4.7029

 49.4853, 61.6865,
61.9048

 55.0087, 70.8249,
69.6295

 61.0174, 80.8077,
77.9048

Harmonies

Analogous

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



22.3989, 19.3927, 29.4483



23.3217, 19.3927, 22.2526



22.8461, 19.3927, 16.0853

Triad

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



23.3217, 19.3927, 22.2526



16.5801, 19.3927, 11.4113



15.9583, 19.3927, 33.6299

Complementary

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



23.3217, 19.3927, 22.2526



23.1961, 29.8161, 29.3450

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.



14.6269, 19.3927, 27.0978



23.3217, 19.3927, 22.2526



14.9638, 19.3927, 14.5244

Square

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



23.3217, 19.3927, 22.2526



18.8251, 19.3927, 10.6511



14.2788, 19.3927, 20.0175



18.0448, 19.3927, 36.8503

Rectangle

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



23.3217, 19.3927, 22.2526



21.8196, 19.3927, 13.2019



14.2788, 19.3927, 20.0175



15.4149, 19.3927, 31.6891

Sweetspot

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



23.3222, 19.3936, 22.2530



52.8183, 52.1442, 57.9915



22.3205, 18.5893, 35.2128



11.7390, 11.4865, 12.8071



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.3222, 19.3936, 22.2530



39.0191, 30.5021, 35.0290



22.9625, 20.4530, 16.6486



6.7282, 6.6842, 7.4200



11.9168, 6.0713, 3.8128



0.2325, 0.1163, 0.1707

Inverse Universe

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



23.3222, 19.3936, 22.2530



39.0191, 30.5021, 35.0290



23.5612, 28.1077, 36.9847



6.7282, 6.6842, 7.4200



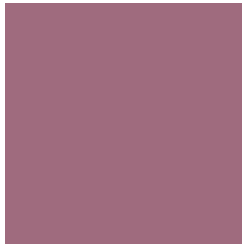
11.9168, 6.0713, 3.8128



0.2325, 0.1163, 0.1707

Previews

White Background



This preview shows how the XYZ color 23.3217, 19.3927, 22.2526 looks on a white background.

Color Contrast Check

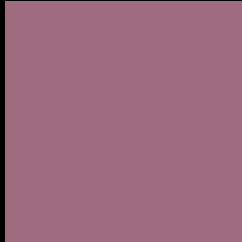
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 23.3217, 19.3927, 22.2526 looks on a black 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

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

XYZ 23.3217, 19.3927, 22.2526

Background



This preview shows how black text looks on a background with the XYZ color 23.3217, 19.3927, 22.2526.



This preview shows how white text looks on a background with the XYZ color 23.3217, 19.3927,

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

23.3217, 19.3927, 22.2526

Protanopia

19.0957, 19.4890, 25.6770

Deuteranopia

19.7894, 19.3986, 21.7701



Tritanopia

22.7801, 19.4907, 19.3911

Trichromacy



Original Color

23.3217, 19.3927, 22.2526

Protanomaly

20.4019, 19.3076, 24.4812

Deuteranomaly

20.8743, 19.2661, 22.0206

Tritanomaly

22.8533, 19.3503, 20.2998

Monochromacy



Original Color

23.3217, 19.3927, 22.2526

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4966, 19.7559, 22.1350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3217, 19.3927, 22.2526 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(159, 107, 126)` looks like.

```
.text, #text, p{  
    color:rgb(159, 107, 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(159, 107, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 107, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.3217, 19.3927, 22.2526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

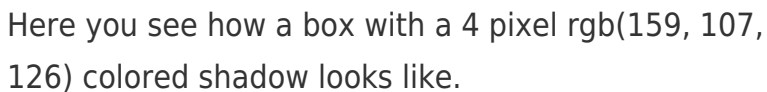
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 107, 126) }
```


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

```
.border{ border-color:rgb(159, 107, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 107, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(159, 107,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3217, 19.3927, 22.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 107, 126) }
```

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

```
.background{ background-color: rgb(159,  
107, 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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