

Converting Colors

XYZ(23.2728, 19.1565, 22.1063)

Have a look what the booklet for
XYZ(23.2728, 19.1565, 22.1063)
contains.

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Color

**XYZ(23.4171, 19.2880,
22.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	A06A7E
RGB	160, 106, 126
RGB Percent	63%, 42%, 49%
CMY	0.3725, 0.5843, 0.5059
CMYK	0.00, 0.34, 0.21, 0.37
HSL	338°, 22%, 52%
HSV	338°, 34%, 63%
XYZ	23.4171, 19.2880, 22.2274
YIQ	124.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

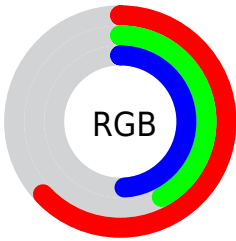
Format	Color
RYB	160, 106, 126
Decimal	10513022
CIELab	51.02, 24.56, -2.21
CIELCh	51, 24.659, 354.867
Yxy	19.2880, 0.3606, 0.2970
Android (android.graphics.Color)	4288703102 (0xFFA06A7E)
YUV	124.4260, 0.7760, 31.1984
Hunter-Lab	43.9181, 18.3194, 0.7354

Details

The XYZ color **23.4171, 19.2880, 22.2274** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2491, 30.0997, 29.3968**, and the grayscale version is **19.2923, 20.2970, 22.1034**.

A 20% lighter version of the original color is **48.6824, 42.3073, 48.2481**, and **8.9160, 6.6877, 7.8421** is the 20% darker color. If you saturate the color by 10%, you get **21.3018, 16.0459, 18.4749**, and if you desaturate by 10%, it is **25.9066, 23.1734, 26.4281**.

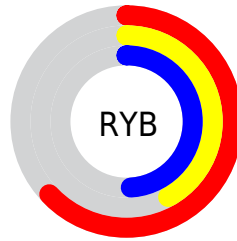
Distribution



Red (63%)

Green (42%)

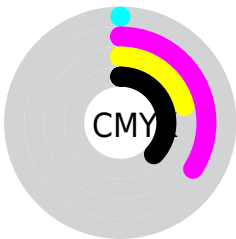
Blue (49%)



Red (63%)

Yellow (42%)

Blue (49%)

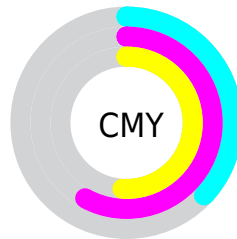


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (37%)



Cyan (37%)


Magenta (58%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4171, 19.2880, 22.2274 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 23.4171, 19.2880, 22.2274 by changing the saturation by 10% instead.


 23.4171, 19.2880,
22.2274


 23.4171, 19.2880,
22.2274


262.3556,
248.0341, 276.7237


 15.0242, 11.8786,
13.8242


 48.5389, 42.2202,
48.0286


 8.9228, 6.6610,
7.8611


 65.9986, 58.5117,
66.2636

 4.7476, 3.2510,
3.9197

 87.2111, 78.5328,
88.6129

 2.1331, 1.2642,
1.5814

 112.5420,
102.6677, 115.4951

 0.7071, 0.1132,
0.2775

142.3565,
131.3009, 147.3288

 0.0000, 0.0000,
0.0000

177.0201,

164.8168, 184.5324

216.8980,
203.5997, 227.5245

■ 23.4171, 19.2880,
22.2274

■ 23.4171, 19.2880,
22.2274

■ 21.3018, 16.0459,
18.4749

■ 25.9066, 23.1734,
26.4281

■ 19.5401, 13.4092,
15.1535

■ 28.7863, 27.7318,
31.0909

■ 18.1116, 11.3405,
12.2469


■ 32.0733, 32.9941,
36.2304


■ 16.9931, 9.7969,
9.7366

■ 35.7832, 38.9888,
41.8602


■ 16.1583, 8.7292,
7.6030


■ 39.9306, 45.7426,
47.9933


 15.5761, 8.0789,
5.8238

 44.5295, 53.2810,
54.6422

 15.2933, 7.7920,
4.8702

 49.5933, 61.6280,
61.8190

 55.1347, 70.8070,
69.5354

 61.1660, 80.8402,
77.8026

Harmonies

Analogous

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



22.4461, 19.2880, 29.7276



23.4171, 19.2880, 22.2274



22.9303, 19.2880, 15.8399

Triad

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



23.4171, 19.2880, 22.2274



16.4286, 19.2880, 11.0124



15.7616, 19.2880, 34.0271

Complementary

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



23.4171, 19.2880, 22.2274



23.2491, 30.0997, 29.3968

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.



14.3947, 19.2880, 27.1775



23.4171, 19.2880, 22.2274



14.7552, 19.2880, 14.1755

Square

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



23.4171, 19.2880, 22.2274



18.7559, 19.2880, 10.2550



14.0432, 19.2880, 19.8212



17.9158, 19.2880, 37.4398

Rectangle

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



23.4171, 19.2880, 22.2274



21.8652, 19.2880, 12.8728



14.0432, 19.2880, 19.8212



15.2027, 19.2880, 31.9855

Sweetspot

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



23.4176, 19.2889, 22.2278



54.3029, 53.6001, 59.6688



22.1976, 18.3620, 35.6321



11.7419, 11.4876, 12.8224



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.



23.4176, 19.2889, 22.2278



39.7524, 30.7689, 35.4897



22.9267, 20.1698, 16.3216



6.7296, 6.6847, 7.4270



11.9330, 6.0778, 3.8983



0.2330, 0.1165, 0.1729

Inverse Universe

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



23.4176, 19.2889, 22.2278



39.7524, 30.7689, 35.4897



23.7958, 28.6150, 37.5269



6.7296, 6.6847, 7.4270



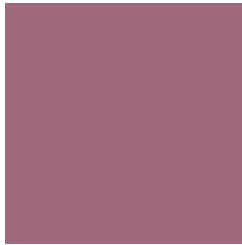
11.9330, 6.0778, 3.8983



0.2330, 0.1165, 0.1729

Previews

White Background



This preview shows how the XYZ color 23.4171, 19.2880, 22.2274 looks on a white background.

Color Contrast Check

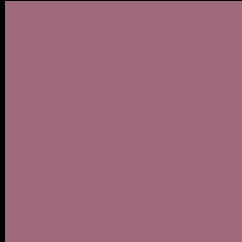
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4171, 19.2880, 22.2274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

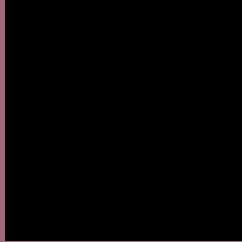
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4171, 19.2880, 22.2274

Background



This preview shows how black text looks on a background with the XYZ color 23.4171, 19.2880, 22.2274.



This preview shows how white text looks on a background with the XYZ color 23.4171, 19.2880,

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

23.4171, 19.2880, 22.2274

Protanopia

18.9563, 19.4171, 25.6704

Deuteranopia

19.7894, 19.3986, 21.7701



Tritanopia

22.8130, 19.3570, 19.0569

Trichromacy



Original Color

23.4171, 19.2880, 22.2274

Protanomaly

20.4019, 19.3076, 24.4812

Deuteranomaly

21.0467, 19.3549, 22.0286

Tritanomaly

22.9459, 19.2424, 20.2741

Monochromacy



Original Color

23.4171, 19.2880, 22.2274

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.3795, 19.5216, 22.0960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4171, 19.2880, 22.2274 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(160, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 106, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.4171, 19.2880, 22.2274 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(160, 106, 126) }
```


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

```
.border{ border-color:rgb(160, 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(160, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(160, 106,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4171, 19.2880, 22.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 106, 126) }
```

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

```
.background{ background-color: rgb(160,  
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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