

Converting Colors

XYZ(23.3818, 19.4501, 30.4289)

Have a look what the booklet for
XYZ(23.3818, 19.4501, 30.4289)
contains.

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Color

**XYZ(23.2855, 19.3473,
30.5241)**

Conversions

Conversions Part 1

Format	Color
Hex	966C94
RGB	150, 108, 148
RGB Percent	59%, 42%, 58%
CMY	0.4118, 0.5765, 0.4196
CMYK	0.00, 0.28, 0.01, 0.41
HSL	303°, 17%, 51%
HSV	303°, 28%, 59%
XYZ	23.2855, 19.3473, 30.5241
YIQ	125.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

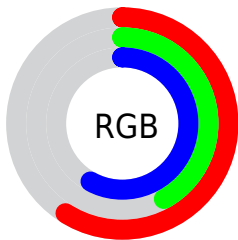
Format	Color
R_{YB}	150, 108, 148
Decimal	9858196
CIE _{Lab}	51.09, 23.68, -15.22
CIE _{LCh}	51, 28.147, 327.263
Yxy	19.3473, 0.3183, 0.2645
Android (android.graphics.Color)	4288048276 (0xFF966C94)
YUV	125.1180, 11.2808, 21.8215
Hunter-Lab	43.9856, 17.5213, -10.3548

Details

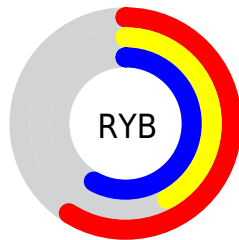
The XYZ color **23.2855, 19.3473, 30.5241** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9059, 26.1271, 18.7468**, and the grayscale version is **19.4936, 20.5088, 22.3340**.

A 20% lighter version of the original color is **48.4083, 42.3850, 61.5068**, and **8.8105, 6.6915, 12.1365** is the 20% darker color. If you saturate the color by 10%, you get **21.7814, 16.4290, 29.7448**, and if you desaturate by 10%, it is **25.0633, 22.8118, 31.3968**.

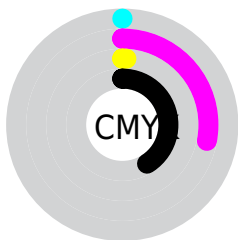
Distribution



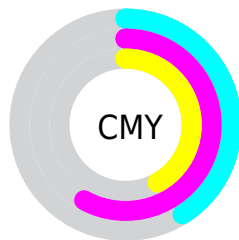
- Red (59%)
- Green (42%)
- Blue (58%)



- Red (59%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2855, 19.3473, 30.5241 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 23.2855, 19.3473, 30.5241 by changing the saturation by 10% instead.

■ 23.2855, 19.3473,
30.5241

■ 23.2855, 19.3473,
30.5241

261.6960,
248.3594, 318.6228

■ 14.9263, 11.9215,
19.9813

■ 48.3249, 42.3201,
61.5608

■ 8.8537, 6.6902,
12.1975

■ 65.7358, 58.6360,
82.8918

■ 4.7022, 3.2691,
6.7542

■ 86.8947, 78.6839,
108.6559

■ 2.1066, 1.2738,
3.2327

■ 112.1669,
102.8484, 139.2718

■ 0.6928, 0.1208,
1.2147

141.9178,
131.5138, 175.1578

■ 0.0000, 0.0000,
0.0000

176.5127,

165.0645, 216.7327

216.3170,
203.8849, 264.4148

■ 23.2855, 19.3473,
30.5241

■ 23.2855, 19.3473,
30.5241

■ 21.7814, 16.4290,
29.7448

■ 25.0633, 22.8118,
31.3968

■ 20.5354, 14.0266,
29.0531

■ 27.1260, 26.8458,
32.3659

■ 19.5327, 12.1104,
28.4442

■ 29.4863, 31.4745,
33.4359

■ 18.7568, 10.6470,
27.9126

■ 32.1555, 36.7206,
34.6107

■ 18.1887, 9.5988,
27.4519

■ 35.1446, 42.6058,
35.8938

■ 17.8064, 8.9217,
27.0550

■ 38.4638, 49.1506,
37.2887

■ 17.5683, 8.5325,
26.7078

■ 42.1229, 56.3746,
38.7987

■ 17.5249, 8.4629,
26.6399

■ 46.1314, 64.2969,
40.4268

■ 50.4983, 72.9353,
42.1761

Harmonies

Analogous

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



20.9600, 19.3473, 37.9051



23.2855, 19.3473, 30.5241



24.2907, 19.3473, 21.8087

Triad

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



23.2855, 19.3473, 30.5241



18.6466, 19.3473, 9.1366



14.0171, 19.3473, 28.9245

Complementary

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



23.2855, 19.3473, 30.5241



19.9059, 26.1271, 18.7468

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.



13.5302, 19.3473, 20.3402



23.2855, 19.3473, 30.5241



16.0374, 19.3473, 10.1400

Square

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



23.2855, 19.3473, 30.5241



21.4482, 19.3473, 10.5976



14.2321, 19.3473, 13.7963



15.6355, 19.3473, 36.8293

Rectangle

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



23.2855, 19.3473, 30.5241



24.0079, 19.3473, 16.8240



14.2321, 19.3473, 13.7963



13.7233, 19.3473, 25.9670

Sweetspot

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



23.2861, 19.3482, 30.5245



47.8087, 47.2546, 57.0894



17.2245, 16.2048, 31.0744



10.4759, 10.2390, 12.5967



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.2861, 19.3482, 30.5245



39.2708, 30.6040, 52.9329



21.8109, 18.7581, 22.7562



6.0235, 5.9045, 7.2300



14.5381, 7.0203, 22.1122



0.1809, 0.0871, 0.2862

Inverse Universe

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



23.2861, 19.3482, 30.5245



39.2708, 30.6040, 52.9329



21.1476, 26.6238, 25.2852



6.0235, 5.9045, 7.2300



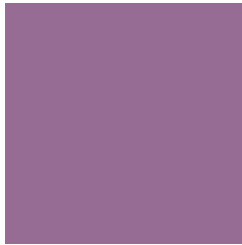
14.5381, 7.0203, 22.1122



0.1809, 0.0871, 0.2862

Previews

White Background



This preview shows how the XYZ color 23.2855, 19.3473, 30.5241 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 23.2855, 19.3473, 30.5241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

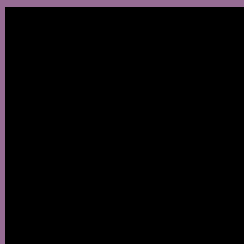
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2855, 19.3473, 30.5241

Background



This preview shows how black text looks on a background with the XYZ color 23.2855, 19.3473, 30.5241.



This preview shows how white text looks on a background with the XYZ color 23.2855, 19.3473,

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

23.2855, 19.3473, 30.5241

Protanopia

19.7332, 19.6198, 34.6452

Deuteranopia

19.8112, 19.4065, 29.8958



Tritanopia

21.2720, 19.3264, 21.0216

Trichromacy



Original Color

23.2855, 19.3473, 30.5241

Protanomaly

20.6823, 19.2595, 33.1992

Deuteranomaly

20.9129, 19.2736, 30.2217

Tritanomaly

21.8138, 19.2106, 24.0310

Monochromacy



Original Color

23.2855, 19.3473, 30.5241

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.6620, 19.9554, 24.9531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2855, 19.3473, 30.5241 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(150, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 108, 148)  
}
```

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(150, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 108, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.2855, 19.3473, 30.5241 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(150, 108, 148) }
```


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

```
.border{ border-color:rgb(150, 108, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 108, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 108,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2855, 19.3473, 30.5241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 108, 148) }
```

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

```
.background{ background-color: rgb(150,  
108, 148) }
```

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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