

Converting Colors

XYZ(23.3061, 18.4069, 19.2599)

Have a look what the booklet for
XYZ(23.3061, 18.4069, 19.2599)
contains.

XYZ(23.2851, 18.3980, 19.1535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.2851, 18.3980,
19.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	A56475
RGB	165, 100, 117
RGB Percent	65%, 39%, 46%
CMY	0.3529, 0.6078, 0.5412
CMYK	0.00, 0.39, 0.29, 0.35
HSL	344°, 27%, 52%
HSV	344°, 39%, 65%
XYZ	23.2851, 18.3980, 19.1535
YIQ	121.3730, 33.2830, 19.0670

Conversions

Conversions Part 2

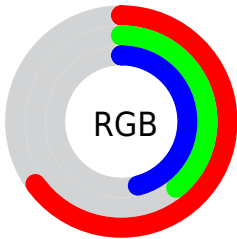
Format	Color
R_{YB}	165, 100, 117
Decimal	10839157
CIE _{Lab}	49.98, 28.48, 1.69
CIE _{LCh}	50, 28.533, 3.392
Yxy	18.3980, 0.3827, 0.3024
Android (android.graphics.Color)	4289029237 (0xFFA56475)
YUV	121.3730, -2.1559, 38.2609
Hunter-Lab	42.8929, 21.8391, 3.5495

Details

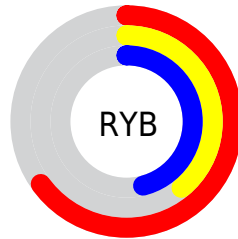
The XYZ color **23.2851, 18.3980, 19.1535** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0568, 31.7582, 32.8806**, and the grayscale version is **18.2943, 19.2471, 20.9600**.

A 20% lighter version of the original color is **48.2085, 40.6932, 42.8498**, and **8.8135, 6.1768, 6.3579** is the 20% darker color. If you saturate the color by 10%, you get **21.1894, 15.2794, 15.1473**, and if you desaturate by 10%, it is **25.7956, 22.1967, 23.7585**.

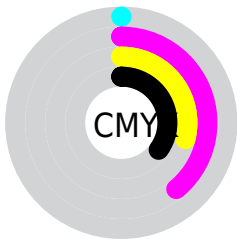
Distribution



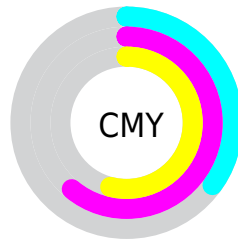
- Red (65%)
- Green (39%)
- Blue (46%)



- Red (65%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2851, 18.3980, 19.1535 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 23.2851, 18.3980, 19.1535 by changing the saturation by 10% instead.

■ 23.2851, 18.3980,
19.1535

■ 23.2851, 18.3980,
19.1535

261.6940,
243.1049, 259.7458

■ 14.9260, 11.2361,
11.6033

■ 48.3243, 40.7143,
42.8335

■ 8.8535, 6.2259,
6.3549

■ 65.7350, 56.6376,
59.8003

■ 4.7021, 2.9829,
2.9898

■ 86.8938, 76.2501,
80.7432

■ 2.1065, 1.1228,
1.0894

■ 112.1658, 99.9362,
106.0805

■ 0.6927, 0.0000,
0.0000

141.9165,
128.0803, 136.2309

■ 0.0000, 0.0000,
0.0000

176.5112,

161.0669, 171.6129

216.3152,
199.2803, 212.6450

■ 23.2851, 18.3980,
19.1535

■ 23.2851, 18.3980,
19.1535

■ 21.1894, 15.2794,
15.1473

■ 25.7956, 22.1967,
23.7585

■ 19.4839, 12.7979,
11.7135

■ 28.7406, 26.7098,
28.9851

■ 18.1438, 10.9097,
8.8253


■ 32.1404, 31.9725,
34.8559


■ 17.1406, 9.5642,
6.4531


■ 36.0134, 38.0171,
41.3923


■ 16.4411, 8.7023,
4.5641


■ 40.3771, 44.8737,
48.6145


 15.9805, 8.2022,
3.1128

 45.2481, 52.5709,
56.5420

 15.9559, 8.1749,
3.0366

 50.6422, 61.1359,
65.1934

 56.5744, 70.5949,
74.5866

 63.0592, 80.9726,
84.7389

Harmonies

Analogous

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



22.6278, 18.3980, 27.5710



23.2851, 18.3980, 19.1535



22.2600, 18.3980, 12.8283

Triad

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



23.2851, 18.3980, 19.1535



14.7468, 18.3980, 9.8979



15.2336, 18.3980, 36.7595

Complementary

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



23.2851, 18.3980, 19.1535



24.0568, 31.7582, 32.8806

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.



13.4498, 18.3980, 29.5271



23.2851, 18.3980, 19.1535



13.1901, 18.3980, 14.0107

Square

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



23.2851, 18.3980, 19.1535



17.1771, 18.3980, 8.4375



12.7410, 18.3980, 20.9376



17.8000, 18.3980, 39.1635

Rectangle

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



23.2851, 18.3980, 19.1535



20.8172, 18.3980, 10.2043



12.7410, 18.3980, 20.9376



14.5319, 18.3980, 34.7337

Sweetspot

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



23.2856, 18.3989, 19.1539



55.7543, 54.4550, 59.3311



23.5019, 18.0968, 37.8518



12.0243, 11.6497, 12.6877



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.2856, 18.3989, 19.1539



38.4767, 28.1433, 28.1581



23.9677, 21.2198, 14.8903



7.1463, 7.1150, 7.7567



12.0888, 6.1916, 2.3924



0.2722, 0.1374, 0.1462

Inverse Universe

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



23.2856, 18.3989, 19.1539



38.4767, 28.1433, 28.1581



22.9275, 27.1861, 39.6365



7.1463, 7.1150, 7.7567



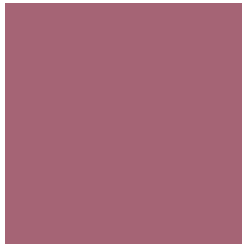
12.0888, 6.1916, 2.3924



0.2722, 0.1374, 0.1462

Previews

White Background



This preview shows how the XYZ color 23.2851, 18.3980, 19.1535 looks on a white background.

Color Contrast Check

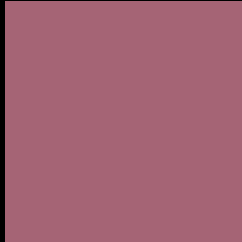
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2851, 18.3980, 19.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

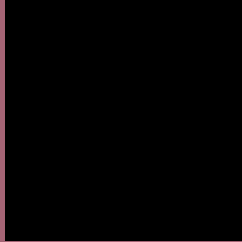
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2851, 18.3980, 19.1535

Background



This preview shows how black text looks on a background with the XYZ color 23.2851, 18.3980, 19.1535.



This preview shows how white text looks on a background with the XYZ color 23.2851, 18.3980,

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

23.2851, 18.3980, 19.1535

Protanopia

18.1009, 18.6741, 23.0725

Deuteranopia

18.8409, 18.4629, 18.4903



Tritanopia

22.7238, 18.3040, 16.8033

Trichromacy



Original Color

23.2851, 18.3980, 19.1535

Protanomaly

19.5856, 18.2778, 21.5645

Deuteranomaly

20.3475, 18.4094, 18.7006

Tritanomaly

22.8882, 18.3697, 17.6686

Monochromacy



Original Color

23.2851, 18.3980, 19.1535

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.6118, 18.4847, 20.3035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2851, 18.3980, 19.1535 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(165, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(165, 100, 117)  
}
```

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(165, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 100, 117) }
```

Border

The CSS property to change the border of an element to XYZ 23.2851, 18.3980, 19.1535 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(165, 100, 117) }
```


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

```
.border{ border-color:rgb(165, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(165, 100,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2851, 18.3980, 19.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 100, 117) }
```

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

```
.background{ background-color: rgb(165,  
100, 117) }
```

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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