

Converting Colors

XYZ(23.8451, 19.0314, 29.1276)

Have a look what the booklet for
XYZ(23.8451, 19.0314, 29.1276)
contains.

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Color

**XYZ(23.9658, 19.1131,
29.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6891
RGB	157, 104, 145
RGB Percent	62%, 41%, 57%
CMY	0.3843, 0.5921, 0.4314
CMYK	0.00, 0.34, 0.08, 0.38
HSL	314°, 21%, 51%
HSV	314°, 34%, 62%
XYZ	23.9658, 19.1131, 29.2141
YIQ	124.5210, 18.4270, 23.9870

Conversions

Conversions Part 2

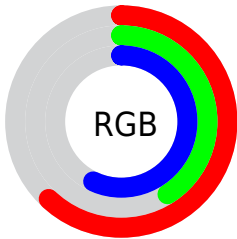
Format	Color
R_{YB}	157, 104, 145
Decimal	10315921
CIE _{Lab}	50.82, 27.87, -13.79
CIE _{LCh}	51, 31.091, 333.670
Yxy	19.1131, 0.3315, 0.2644
Android (android.graphics.Color)	4288506001 (0xFF9D6891)
YUV	124.5210, 10.0961, 28.4841
Hunter-Lab	43.7185, 21.3434, -9.0165

Details

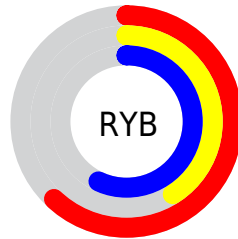
The XYZ color **23.9658, 19.1131, 29.2141** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.9191, 28.3186, 20.8878**, and the grayscale version is **19.2957, 20.3006, 22.1073**.

A 20% lighter version of the original color is **49.3486, 41.8975, 59.5189**, and **9.2123, 6.5438, 11.3672** is the 20% darker color. If you saturate the color by 10%, you get **22.2605, 16.1340, 27.3144**, and if you desaturate by 10%, it is **25.9751, 22.6858, 31.2579**.

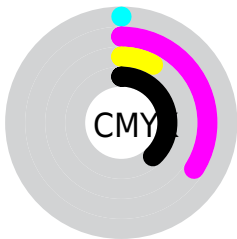
Distribution



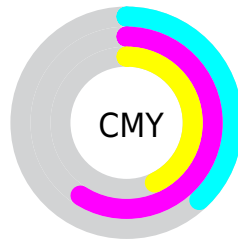
- Red (62%)
- Green (41%)
- Blue (57%)



- Red (62%)
- Yellow (41%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9658, 19.1131, 29.2141 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 23.9658, 19.1131, 29.2141 by changing the saturation by 10% instead.

■ 23.9658, 19.1131,
29.2141

■ 23.9658, 19.1131,
29.2141

265.0912,
247.0724, 312.3163

■ 15.4329, 11.7520,
18.9959

■ 49.4295, 41.9251,
59.4633

■ 9.2120, 6.5751,
11.4905

■ 67.0909, 58.1449,
80.3314

■ 4.9379, 3.1978,
6.2795

■ 88.5259, 78.0863,
105.5865

■ 2.2453, 1.2359,
2.9442

■ 114.0997,
102.1338, 135.6471

■ 0.7664, 0.0907,
1.0662

144.1778,
130.6718, 170.9319

■ 0.0000, 0.0000,
0.0000

179.1255,

164.0846, 211.8593

219.3082,
202.7567, 258.8479

■ 23.9658, 19.1131,
29.2141

■ 23.9658, 19.1131,
29.2141

■ 22.2605, 16.1340,
27.3144

■ 25.9751, 22.6858,
31.2579

■ 20.8409, 13.7132,
25.5517

■ 28.3018, 26.8797,
33.4499

■ 19.6897, 11.8155,
23.9200

■ 30.9607, 31.7239,
35.7958

■ 18.7867, 10.4009,
22.4122

■ 33.9649, 37.2448,
38.3002

■ 18.1088, 9.4234,
21.0203

■ 37.3270, 43.4674,
40.9678

■ 17.6285, 8.8279,
19.7345

■ 41.0590, 50.4152,
43.8027

■ 17.3837, 8.5597,
18.9704

■ 45.1721, 58.1110,
46.8093

■ 49.6773, 66.5762,
49.9914

■ 54.5849, 75.8317,
53.3528

Harmonies

Analogous

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



21.6272, 19.1131, 38.2183



23.9658, 19.1131, 29.2141



24.6926, 19.1131, 19.7508

Triad

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



23.9658, 19.1131, 29.2141



17.7924, 19.1131, 8.1185



13.6970, 19.1131, 31.6195

Complementary

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



23.9658, 19.1131, 29.2141



20.9191, 28.3186, 20.8878

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.



12.9051, 19.1131, 21.9083



23.9658, 19.1131, 29.2141



15.0961, 19.1131, 9.7023

Square

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



23.9658, 19.1131, 29.2141



20.9027, 19.1131, 9.0681



13.3873, 19.1131, 14.1967



15.6800, 19.1131, 39.8587

Rectangle

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



23.9658, 19.1131, 29.2141



24.1049, 19.1131, 14.7530



13.3873, 19.1131, 14.1967



13.2934, 19.1131, 28.3347

Sweetspot

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



23.9664, 19.1140, 29.2145



52.3124, 51.0936, 61.3698



18.1710, 16.0137, 34.0319



11.3785, 11.0019, 13.3856



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.



23.9664, 19.1140, 29.2145



40.4251, 29.8624, 49.5662



22.1865, 18.4020, 19.8416



6.8398, 6.7289, 8.0077



14.1330, 6.9578, 15.4831



0.2673, 0.1302, 0.3536

Inverse Universe

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



23.9664, 19.1140, 29.2145



40.4251, 29.8624, 49.5662



22.6479, 29.0101, 29.9911



6.8398, 6.7289, 8.0077



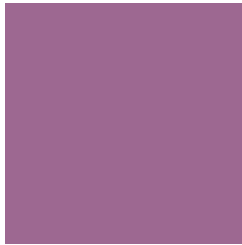
14.1330, 6.9578, 15.4831



0.2673, 0.1302, 0.3536

Previews

White Background



This preview shows how the XYZ color 23.9658, 19.1131, 29.2141 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 23.9658, 19.1131, 29.2141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

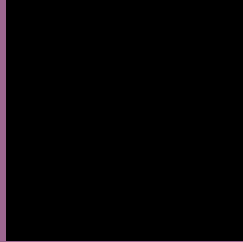
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9658, 19.1131, 29.2141

Background



This preview shows how black text looks on a background with the XYZ color 23.9658, 19.1131, 29.2141.



This preview shows how white text looks on a background with the XYZ color 23.9658, 19.1131,

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

23.9658, 19.1131, 29.2141

Protanopia

19.3993, 19.2780, 34.1511

Deuteranopia

19.5293, 19.1208, 28.2526



Tritanopia

22.0651, 19.1153, 19.6662

Trichromacy



Original Color

23.9658, 19.1131, 29.2141

Protanomaly

20.5869, 18.8908, 32.2670

Deuteranomaly

20.8547, 18.9443, 28.5441

Tritanomaly

22.6715, 19.0425, 22.9027

Monochromacy



Original Color

23.9658, 19.1131, 29.2141

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8427, 19.7069, 24.5351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9658, 19.1131, 29.2141 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, 104, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 104, 145)  
}
```

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, 104, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 104, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.9658, 19.1131, 29.2141 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, 104, 145) }
```


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

```
.border{ border-color:rgb(157, 104, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 104, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 104, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 104, 145);  
box-shadow:4px 4px 4px 4px rgb(157, 104,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9658, 19.1131, 29.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 104, 145) }
```

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

```
.background{ background-color: rgb(157,  
104, 145) }
```

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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