

Converting Colors

XYZ(23.5583, 18.9626, 32.1540)

Have a look what the booklet for
XYZ(23.5583, 18.9626, 32.1540)
contains.

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Color

**XYZ(23.4816, 18.9495,
32.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	976998
RGB	151, 105, 152
RGB Percent	59%, 41%, 60%
CMY	0.4078, 0.5882, 0.4039
CMYK	0.01, 0.31, 0.00, 0.40
HSL	299°, 19%, 50%
HSV	299°, 31%, 60%
XYZ	23.4816, 18.9495, 32.1258
YIQ	124.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

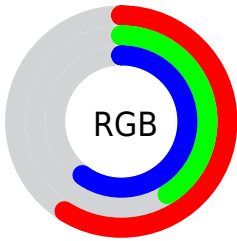
Format	Color
R_{YB}	151, 105, 152
Decimal	9922968
CIE _{Lab}	50.63, 26.55, -18.27
CIE _{LCh}	51, 32.227, 325.464
Yxy	18.9495, 0.3149, 0.2542
Android (android.graphics.Color)	4288113048 (0xFF976998)
YUV	124.1120, 13.7488, 23.5808
Hunter-Lab	43.5310, 20.1076, -13.2842

Details

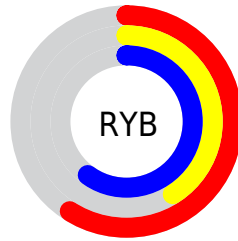
The XYZ color **23.4816, 18.9495, 32.1258** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.7226, 26.5411, 17.4490**, and the grayscale version is **19.1488, 20.1460, 21.9390**.

A 20% lighter version of the original color is **48.6511, 41.6920, 63.8757**, and **8.9577, 6.5185, 13.0980** is the 20% darker color. If you saturate the color by 10%, you get **22.0099, 16.0948, 31.6526**, and if you desaturate by 10%, it is **25.2313, 22.3594, 32.6920**.

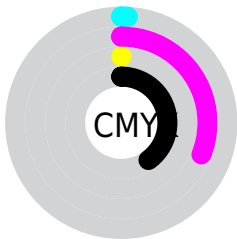
Distribution



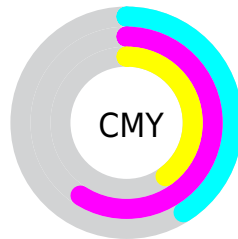
- Red (59%)
- Green (41%)
- Blue (60%)



- Red (59%)
- Yellow (41%)
- Blue (60%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)





- Cyan (41%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4816, 18.9495, 32.1258 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 23.4816, 18.9495, 32.1258 by changing the saturation by 10% instead.

 23.4816, 18.9495,
32.1258


 23.4816, 18.9495,
32.1258


262.6784,
246.1698, 326.2023


 15.0722, 11.6338,
21.1920


 48.6438, 41.6487,
64.1084


 8.9567, 6.4948,
13.0718


 66.1272, 57.8011,
85.9944

 4.7698, 3.1482,
7.3467


 87.3661, 77.6677,
112.3681

 2.1462, 1.2096,
3.5981

 112.7256,
101.6331, 143.6481

 0.7142, 0.0695,
1.4076

142.5713,
130.0816, 180.2530

 0.0000, 0.0000,
0.1476

177.2684,

 0.0000, 0.0000,

163.3977, 222.6013

0.0000

217.1823,
201.9656, 271.1115

■ 23.4816, 18.9495,
32.1258

■ 23.4816, 18.9495,
32.1258

■ 22.0099, 16.0948,
31.6526

■ 25.2313, 22.3594,
32.6920

■ 20.7998, 13.7633,
31.2664

■ 27.2710, 26.3493,
33.3547

■ 19.8357, 11.9236,
30.9621

■ 29.6140, 30.9455,
34.1183

■ 19.0998, 10.5399,
30.7338

■ 32.2722, 36.1721,
34.9871

■ 18.5717, 9.5717,
30.5748

■ 35.2571, 42.0516,
35.9646

■ 18.2276, 8.9712,
30.4770

■ 38.5793, 48.6056,
37.0545

■ 18.0196, 8.6347,
30.4230

■ 42.2492, 55.8547,
38.2603

■ 46.2766, 63.8186,
39.5853

■ 50.6709, 72.5161,
41.0324

Harmonies

Analogous

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



20.7456, 18.9495, 40.6167



23.4816, 18.9495, 32.1258



24.7565, 18.9495, 22.0367

Triad

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



23.4816, 18.9495, 32.1258



18.4947, 18.9495, 7.7122



13.0726, 18.9495, 29.0354

Complementary

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



23.4816, 18.9495, 32.1258



19.7226, 26.5411, 17.4490

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.



12.6176, 18.9495, 19.2898



23.4816, 18.9495, 32.1258



15.5278, 18.9495, 8.5907

Square

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



23.4816, 18.9495, 32.1258



21.6716, 18.9495, 9.3793



13.4637, 18.9495, 12.2711



14.7876, 18.9495, 38.4977

Rectangle

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



23.4816, 18.9495, 32.1258



24.5095, 18.9495, 16.3404



13.4637, 18.9495, 12.2711



12.7764, 18.9495, 25.6178

Sweetspot

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



23.4822, 18.9503, 32.1262



48.8177, 47.8452, 59.0958



16.7067, 15.6965, 31.8553



10.9749, 10.6379, 13.3924



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.4822, 18.9503, 32.1262



39.6291, 29.9179, 56.1197



22.0349, 18.3929, 23.5321



6.4482, 6.3169, 7.8084



15.1124, 7.2418, 25.5090



0.2294, 0.1101, 0.3815

Inverse Universe

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



20.6027, 17.8200, 15.9903



33.7437, 27.6101, 23.0352



20.8811, 26.9908, 24.1659



6.2139, 6.2247, 6.5063



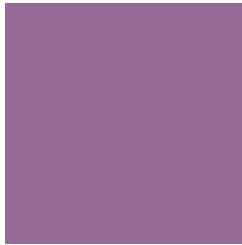
10.8737, 5.6037, 0.5942



0.1638, 0.0843, 0.0154

Previews

White Background



This preview shows how the XYZ color 23.4816, 18.9495, 32.1258 looks on a white background.

Color Contrast Check

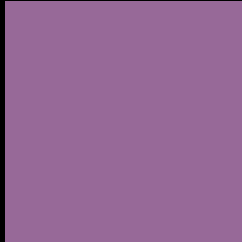
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4816, 18.9495, 32.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

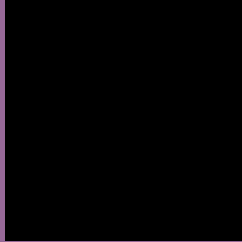
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4816, 18.9495, 32.1258

Background



This preview shows how black text looks on a background with the XYZ color 23.4816, 18.9495, 32.1258.



This preview shows how white text looks on a background with the XYZ color 23.4816, 18.9495,

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

23.4816, 18.9495, 32.1258

Protanopia

19.4251, 19.0535, 36.8363

Deuteranopia

19.3745, 18.9783, 31.0758



Tritanopia

21.1072, 18.9280, 20.3103

Trichromacy



Original Color

23.4816, 18.9495, 32.1258

Protanomaly

20.5010, 18.7883, 34.8937

Deuteranomaly

20.6161, 18.7581, 31.3882

Tritanomaly

21.8462, 18.8991, 24.3263

Monochromacy



Original Color

23.4816, 18.9495, 32.1258

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.4959, 19.5121, 25.2402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4816, 18.9495, 32.1258 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(151, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(151, 105, 152)  
}
```

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(151, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 105, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.4816, 18.9495, 32.1258 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(151, 105, 152) }
```


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

```
.border{ border-color:rgb(151, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(151, 105,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4816, 18.9495, 32.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 105, 152) }
```

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

```
.background{ background-color: rgb(151,  
105, 152) }
```

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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