

Converting Colors

XYZ(18.9564, 15.3268, 21.0303)

Have a look what the booklet for
XYZ(18.9564, 15.3268, 21.0303)
contains.

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Color

**XYZ(18.9685, 15.3003,
21.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5E7C
RGB	143, 94, 124
RGB Percent	56%, 37%, 49%
CMY	0.4392, 0.6314, 0.5137
CMYK	0.00, 0.34, 0.13, 0.44
HSL	323°, 21%, 46%
HSV	323°, 34%, 56%
XYZ	18.9685, 15.3003, 21.0223
YIQ	112.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

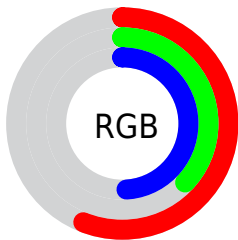
Format	Color
R_{YB}	143, 94, 124
Decimal	9395836
CIE _{Lab}	46.04, 24.77, -8.62
CIE _{LCh}	46, 26.225, 340.801
Yxy	15.3003, 0.3431, 0.2767
Android (android.graphics.Color)	4287585916 (0xFF8F5E7C)
YUV	112.0710, 5.8810, 27.1247
Hunter-Lab	39.1156, 18.1085, -4.4839

Details

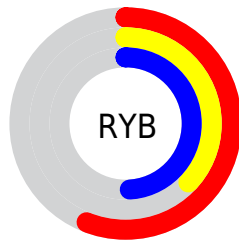
The XYZ color **18.9685, 15.3003, 21.0223** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.4199, 23.2173, 19.1871**, and the grayscale version is **15.4016, 16.2037, 17.6458**.

A 20% lighter version of the original color is **41.3499, 35.4309, 46.2544**, and **6.7001, 4.8163, 7.2331** is the 20% darker color. If you saturate the color by 10%, you get **17.4720, 12.8526, 18.8417**, and if you desaturate by 10%, it is **20.7213, 18.2285, 23.3860**.

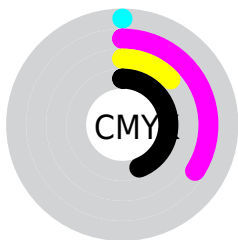
Distribution



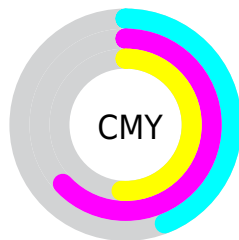
- Red (56%)
- Green (37%)
- Blue (49%)



- Red (56%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9685, 15.3003, 21.0223 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 18.9685, 15.3003, 21.0223 by changing the saturation by 10% instead.

■ 18.9685, 15.3003,
21.0223

■ 18.9685, 15.3003,
21.0223

239.2163,
225.1767, 270.1819

■ 11.7514, 9.0304,
12.9489

■ 41.1981, 35.3791,
46.0059

■ 6.6456, 4.7610,
7.2631

■ 56.9414, 49.9569,
63.7532

■ 3.2858, 2.1077,
3.5462

■ 76.2574, 68.0727,
85.5622

■ 1.3067, 0.6690,
1.3799

■ 99.5115, 90.1110,
111.8515

■ 0.1882, 0.0000,
0.1259

127.0691,
116.4561, 143.0396

■ 0.0000, 0.0000,
0.0000

159.2955,

147.4926, 179.5450

196.5561,
183.6046, 221.7862

■ 18.9685, 15.3003,
21.0223

■ 18.9685, 15.3003,
21.0223

■ 17.4720, 12.8526,
18.8417

■ 20.7213, 18.2285,
23.3860

■ 16.2169, 10.8570,
16.8372

■ 22.7413, 21.6593,
25.9374

■ 15.1892, 9.2856,
15.0025

■ 25.0405, 25.6160,
28.6823

■ 14.3726, 8.1064,
13.3307

■ 27.6297, 30.1196,
31.6257

■ 13.7484, 7.2825,
11.8137

■ 30.5192, 35.1902,
34.7725

■ 13.2935, 6.7684,
10.4422

■ 33.7186, 40.8468,
38.1273

■ 13.0706, 6.5368,
9.7075

■ 37.2373, 47.1074,
41.6946

■ 41.0841, 53.9894,
45.4788

■ 45.2675, 61.5095,
49.4840

Harmonies

Analogous

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



17.5210, 15.3003, 27.7622



18.9685, 15.3003, 21.0223



19.1627, 15.3003, 14.4672

Triad

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



18.9685, 15.3003, 21.0223



13.7554, 15.3003, 7.2896



11.5384, 15.3003, 26.0167

Complementary

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



18.9685, 15.3003, 21.0223



17.4199, 23.2173, 19.1871

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.



10.7318, 15.3003, 19.0626



18.9685, 15.3003, 21.0223



11.9222, 15.3003, 8.9992

Square

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



18.9685, 15.3003, 21.0223



15.9952, 15.3003, 7.5605



10.8648, 15.3003, 12.9462



13.1804, 15.3003, 31.1163

Rectangle

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



18.9685, 15.3003, 21.0223



18.5355, 15.3003, 11.1401



10.8648, 15.3003, 12.9462



11.1685, 15.3003, 23.7540

Sweetspot

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



18.9690, 15.3010, 21.0226



42.3329, 41.5437, 48.3991



15.7435, 13.4858, 27.7601



9.5912, 9.3265, 10.9585



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.9690, 15.3010, 21.0226



31.8914, 23.9919, 34.6491



17.6175, 14.7604, 13.9061



5.5388, 5.4761, 6.3355



11.5672, 5.7839, 8.6382



0.1214, 0.0596, 0.1396

Inverse Universe

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



18.9690, 15.3010, 21.0226



31.8914, 23.9919, 34.6491



18.9748, 23.8393, 27.3753



5.5388, 5.4761, 6.3355



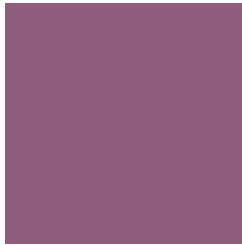
11.5672, 5.7839, 8.6382



0.1214, 0.0596, 0.1396

Previews

White Background



This preview shows how the XYZ color 18.9685, 15.3003, 21.0223 looks on a white background.

Color Contrast Check

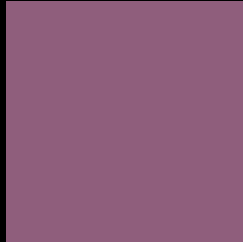
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.9685, 15.3003, 21.0223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

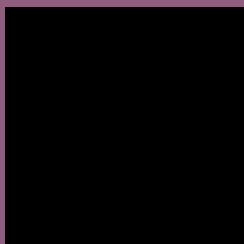
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.9685, 15.3003, 21.0223

Background



This preview shows how black text looks on a background with the XYZ color 18.9685, 15.3003, 21.0223.



This preview shows how white text looks on a background with the XYZ color 18.9685, 15.3003,

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

18.9685, 15.3003, 21.0223

Protanopia

15.3746, 15.3894, 24.7144

Deuteranopia

15.6063, 15.2906, 20.5412



Tritanopia

17.9020, 15.4180, 15.3970

Trichromacy



Original Color

18.9685, 15.3003, 21.0223

Protanomaly

16.3507, 15.1638, 23.1842

Deuteranomaly

16.7840, 15.2928, 20.8061

Tritanomaly

18.3547, 15.4700, 17.3479

Monochromacy



Original Color

18.9685, 15.3003, 21.0223

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3723, 15.5751, 18.6664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9685, 15.3003, 21.0223 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(143, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(143, 94, 124)  
}
```

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(143, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 94, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.9685, 15.3003, 21.0223 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(143, 94, 124) }
```


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

```
.border{ border-color:rgb(143, 94, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 94, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(143, 94,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9685, 15.3003, 21.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 94, 124) }
```

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

```
.background{ background-color: rgb(143, 94,  
124) }
```

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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