

Converting Colors

XYZ(24.6887, 19.3678, 21.1760)

Have a look what the booklet for
XYZ(24.6887, 19.3678, 21.1760)
contains.

XYZ(24.6887, 19.3678, 21.1760)	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(24.6887, 19.3678,
21.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	A9667B
RGB	169, 102, 123
RGB Percent	66%, 40%, 48%
CMY	0.3373, 0.6000, 0.5176
CMYK	0.00, 0.40, 0.27, 0.34
HSL	341°, 28%, 53%
HSV	341°, 40%, 66%
XYZ	24.6887, 19.3678, 21.1760
YIQ	124.4270, 33.1910, 20.7350

Conversions

Conversions Part 2

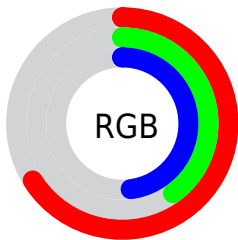
Format	Color
RYB	169, 102, 123
Decimal	11101819
CIELab	51.11, 29.74, -0.16
CIElCh	51, 29.737, 359.691
Yxy	19.3678, 0.3785, 0.2969
Android (android.graphics.Color)	4289291899 (0xFFA9667B)
YUV	124.4270, -0.7035, 39.0905
Hunter-Lab	44.0089, 23.1219, 2.2773

Details

The XYZ color **24.6887, 19.3678, 21.1760** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0136, 33.3393, 33.1354**, and the grayscale version is **19.2957, 20.3006, 22.1073**.

A 20% lighter version of the original color is **50.6575, 42.3751, 46.0667**, and **9.5794, 6.6855, 7.2641** is the 20% darker color. If you saturate the color by 10%, you get **22.5101, 16.1050, 17.0760**, and if you desaturate by 10%, it is **27.2931, 23.3441, 25.8432**.

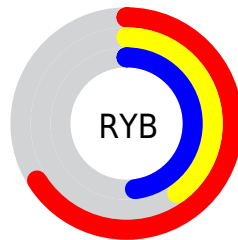
Distribution



Red (66%)

Green (40%)

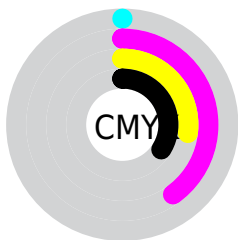
Blue (48%)



Red (66%)

Yellow (40%)

Blue (48%)

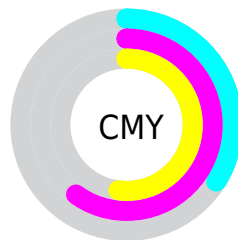


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (34%)



Cyan (34%)


Magenta (60%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6887, 19.3678, 21.1760 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 24.6887, 19.3678, 21.1760 by changing the saturation by 10% instead.


 24.6887, 19.3678,
21.1760


 24.6887, 19.3678,
21.1760


268.6604,
248.4718, 271.0241


 15.9728, 11.9363,
13.0602


 50.5983, 42.3547,
46.2649


 9.5956, 6.7003,
7.3388


 68.5227, 58.6789,
64.0750

 5.1919, 3.2754,
3.5932

 90.2472, 78.7361,
85.9537

 2.3962, 1.2772,
1.4050

 116.1373,
102.9108, 112.3194

 0.8432, 0.1234,
0.1456

146.5584,
131.5873, 143.5908

 0.0000, 0.0000,
0.0000

181.8756,

165.1501, 180.1864

222.4545,
203.9834, 222.5246

■ 24.6887, 19.3678,
21.1760

■ 24.6887, 19.3678,
21.1760

■ 22.5101, 16.1050,
17.0760

■ 27.2931, 23.3441,
25.8432

■ 20.7320, 13.5102,
13.5193

■ 30.3434, 28.0701,
31.0978

■ 19.3287, 11.5371,
10.4819


■ 33.8605, 33.5830,
36.9603


■ 18.2709, 10.1323,
7.9376


■ 37.8634, 39.9166,
43.4498


■ 17.5242, 9.2332,
5.8569


■ 42.3701, 47.1028,
50.5848


 17.0202, 8.7087,
4.1979

 47.3974, 55.1717,
58.3826

 17.0040, 8.6918,
4.1453

 52.9617, 64.1520,
66.8602

 59.0784, 74.0710,
76.0337

 65.7623, 84.9551,
85.9189

Harmonies

Analogous

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



23.7571, 19.3678, 30.4030



24.6887, 19.3678, 21.1760



23.7934, 19.3678, 14.0169

Triad

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



24.6887, 19.3678, 21.1760



15.7374, 19.3678, 9.8832



15.6897, 19.3678, 38.4681

Complementary

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



24.6887, 19.3678, 21.1760



25.0136, 33.3393, 33.1354

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.



13.9043, 19.3678, 30.2097



24.6887, 19.3678, 21.1760



13.9297, 19.3678, 13.9016

Square

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



24.6887, 19.3678, 21.1760



18.4391, 19.3678, 8.6506



13.2953, 19.3678, 21.0007



18.3779, 19.3678, 41.8815

Rectangle

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



24.6887, 19.3678, 21.1760



22.3305, 19.3678, 10.9614



13.2953, 19.3678, 21.0007



14.9750, 19.3678, 36.0742

Sweetspot

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



24.6892, 19.3687, 21.1764



58.9400, 57.4674, 63.3870



24.0871, 18.6441, 39.8654



12.6737, 12.2542, 13.5293



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.6892, 19.3687, 21.1764



40.5936, 29.2568, 31.1218



24.8105, 21.4939, 15.4126



7.6244, 7.5796, 8.3391



12.6948, 6.4866, 3.2042



0.3317, 0.1670, 0.1983

Inverse Universe

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



24.6892, 19.3687, 21.1764



40.5936, 29.2568, 31.1218



24.6507, 29.7081, 41.9713



7.6244, 7.5796, 8.3391



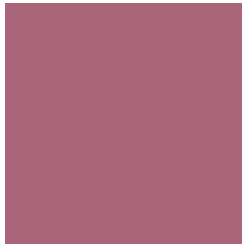
12.6948, 6.4866, 3.2042



0.3317, 0.1670, 0.1983

Previews

White Background



This preview shows how the XYZ color 24.6887, 19.3678, 21.1760 looks on a white background.

Color Contrast Check

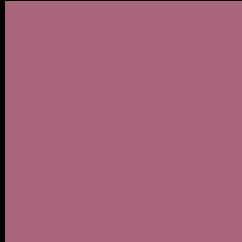
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6887, 19.3678, 21.1760 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 24.6887, 19.3678, 21.1760

Background



This preview shows how black text looks on a background with the XYZ color 24.6887, 19.3678, 21.1760.



This preview shows how white text looks on a background with the XYZ color 24.6887, 19.3678,

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

24.6887, 19.3678, 21.1760

Protanopia

19.0957, 19.4890, 25.6770

Deuteranopia

19.8603, 19.4638, 20.4794



Tritanopia

24.0234, 19.3953, 17.8067

Trichromacy



Original Color

24.6887, 19.3678, 21.1760

Protanomaly

20.5953, 19.0766, 24.0694

Deuteranomaly

21.2780, 19.1719, 20.6682

Tritanomaly

24.1511, 19.2863, 18.9727

Monochromacy



Original Color

24.6887, 19.3678, 21.1760

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.6987, 19.5215, 21.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6887, 19.3678, 21.1760 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(169, 102, 123)` looks like.

```
.text, #text, p{  
    color:rgb(169, 102, 123)  
}
```

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(169, 102, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 102, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.6887, 19.3678, 21.1760 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(169, 102, 123) }
```


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

```
.border{ border-color:rgb(169, 102, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 102, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 102, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 102, 123);  
box-shadow:4px 4px 4px 4px rgb(169, 102,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6887, 19.3678, 21.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 102, 123) }
```

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

```
.background{ background-color: rgb(169,  
102, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor