

Converting Colors

XYZ(24.4882, 19.2458, 22.0293)

Have a look what the booklet for
XYZ(24.4882, 19.2458, 22.0293)
contains.

XYZ(24.4536, 19.2246, 22.1605)	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(24.4536, 19.2246,
22.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	A7667E
RGB	167, 102, 126
RGB Percent	65%, 40%, 49%
CMY	0.3451, 0.6000, 0.5059
CMYK	0.00, 0.39, 0.25, 0.35
HSL	338°, 27%, 53%
HSV	338°, 39%, 65%
XYZ	24.4536, 19.2246, 22.1605
YIQ	124.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

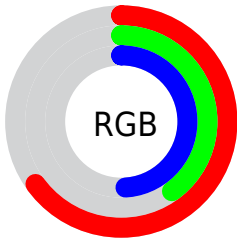
Format	Color
R_{YB}	167, 102, 126
Decimal	10970750
CIE _{Lab}	50.95, 29.44, -2.21
CIE _{LCh}	51, 29.518, 355.697
Yxy	19.2246, 0.3714, 0.2920
Android (android.graphics.Color)	4289160830 (0xFFA7667E)
YUV	124.1710, 0.9017, 37.5610
Hunter-Lab	43.8459, 22.8223, 0.7259

Details

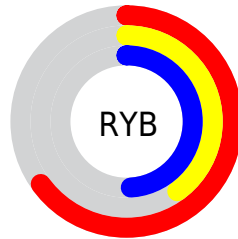
The XYZ color **24.4536, 19.2246, 22.1605** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2570, 32.4459, 30.9724**, and the grayscale version is **19.2055, 20.2057, 22.0040**.

A 20% lighter version of the original color is **50.1237, 42.0539, 48.1232**, and **9.4227, 6.5927, 7.7971** is the 20% darker color. If you saturate the color by 10%, you get **22.3303, 16.0091, 18.2738**, and if you desaturate by 10%, it is **26.9802, 23.1318, 26.5353**.

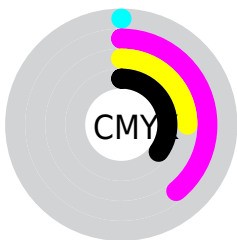
Distribution



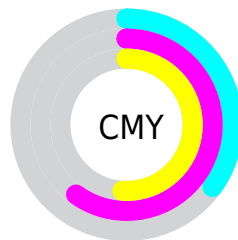
- Red (65%)
- Green (40%)
- Blue (49%)



- Red (65%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4536, 19.2246, 22.1605 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 24.4536, 19.2246, 22.1605 by changing the saturation by 10% instead.


 24.4536, 19.2246,
22.1605


 24.4536, 19.2246,
22.1605


267.5039,
247.6859, 276.3641


 15.7970, 11.8327,
13.7754


 50.2187, 42.1133,
47.9167


 9.4706, 6.6298,
7.8277


 68.0579, 58.3788,
66.1249

 5.1089, 3.2317,
3.8987

 89.6887, 78.3710,
88.4446

 2.3467, 1.2539,
1.5699

 115.4765,
102.4743, 115.2944

 0.8184, 0.1051,
0.2692

145.7865,
131.0730, 147.0926

 0.0000, 0.0000,
0.0000

180.9842,

164.5516, 184.2580

221.4349,
203.2944, 227.2089

■ 24.4536, 19.2246,
22.1605

■ 24.4536, 19.2246,
22.1605

■ 22.3303, 16.0091,
18.2738

■ 26.9802, 23.1318,
26.5353

■ 20.5866, 13.4418,
14.8557

■ 29.9288, 27.7653,
31.4142

■ 19.1984, 11.4783,
11.8870

■ 33.3191, 33.1610,
36.8139


■ 18.1383, 10.0676,
9.3466


■ 37.1688, 39.3511,
42.7500


■ 17.3745, 9.1501,
7.2109


■ 41.4947, 46.3664,
49.2372


 16.8474, 8.6113,
5.4467

 46.3128, 54.2358,
56.2898

 16.7965, 8.5595,
5.2749

 51.6382, 62.9869,
63.9216

 57.4855, 72.6460,
72.1457

 63.8685, 83.2382,
80.9748

Harmonies

Analogous

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



23.3068, 19.2246, 31.3495



24.4536, 19.2246, 22.1605



23.8052, 19.2246, 14.7126

Triad

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



24.4536, 19.2246, 22.1605



15.9473, 19.2246, 9.5401



15.2910, 19.2246, 37.1976

Complementary

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



24.4536, 19.2246, 22.1605



24.2570, 32.4459, 30.9724

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.



13.6711, 19.2246, 28.6963



24.4536, 19.2246, 22.1605



14.0208, 19.2246, 13.1237

Square

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



24.4536, 19.2246, 22.1605



18.6964, 19.2246, 8.6552



13.2319, 19.2246, 19.7504



17.8549, 19.2246, 41.3765

Rectangle

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



24.4536, 19.2246, 22.1605



22.4753, 19.2246, 11.4147



13.2319, 19.2246, 19.7504



14.6291, 19.2246, 34.6565

Sweetspot

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



24.4541, 19.2255, 22.1609



57.5806, 56.0479, 62.6373



22.8968, 18.0520, 38.8369



12.7149, 12.2707, 13.7464



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.



24.4541, 19.2255, 22.1609



40.3654, 29.2300, 33.4303



23.8664, 20.2379, 15.2200



7.6413, 7.5864, 8.4286



12.8748, 6.5586, 4.1522



0.3380, 0.1695, 0.2312

Inverse Universe

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



24.4541, 19.2255, 22.1609



40.3654, 29.2300, 33.4303



24.9251, 30.5551, 41.1434



7.6413, 7.5864, 8.4286



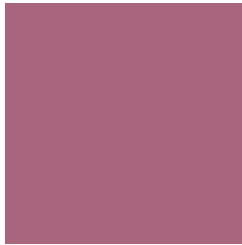
12.8748, 6.5586, 4.1522



0.3380, 0.1695, 0.2312

Previews

White Background



This preview shows how the XYZ color 24.4536, 19.2246, 22.1605 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 24.4536, 19.2246, 22.1605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

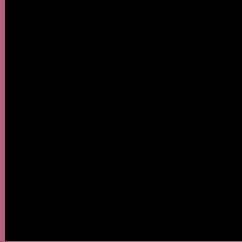
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4536, 19.2246, 22.1605

Background



This preview shows how black text looks on a background with the XYZ color 24.4536, 19.2246, 22.1605.



This preview shows how white text looks on a background with the XYZ color 24.4536, 19.2246,

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

24.4536, 19.2246, 22.1605

Protanopia

19.0326, 19.4317, 26.7923

Deuteranopia

19.7265, 19.3735, 21.4386



Tritanopia

23.6008, 19.1775, 17.7870

Trichromacy



Original Color

24.4536, 19.2246, 22.1605

Protanomaly

20.4737, 18.9901, 25.1406

Deuteranomaly

21.1093, 19.0633, 21.6358

Tritanomaly

23.7870, 19.0918, 19.2610

Monochromacy



Original Color

24.4536, 19.2246, 22.1605

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.7623, 19.5469, 22.0807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4536, 19.2246, 22.1605 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(167, 102, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 102, 126)  
}
```

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(167, 102, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 102, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.4536, 19.2246, 22.1605 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(167, 102, 126) }
```


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

```
.border{ border-color:rgb(167, 102, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 102, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 102, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 102, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 102,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4536, 19.2246, 22.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 102, 126) }
```

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

```
.background{ background-color: rgb(167,  
102, 126) }
```

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