

Converting Colors

XYZ(24.0468, 19.3173, 18.9978)

Have a look what the booklet for
XYZ(24.0468, 19.3173, 18.9978)
contains.

XYZ(24.0391, 19.3771, 18.9961)	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(24.0391, 19.3771,
18.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	A76874
RGB	167, 104, 116
RGB Percent	65%, 41%, 45%
CMY	0.3451, 0.5921, 0.5451
CMYK	0.00, 0.38, 0.31, 0.35
HSL	349°, 26%, 53%
HSV	349°, 38%, 65%
XYZ	24.0391, 19.3771, 18.9961
YIQ	124.2050, 33.6960, 17.0880

Conversions

Conversions Part 2

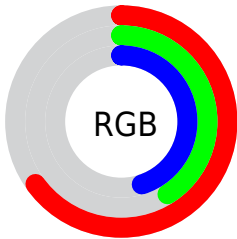
Format	Color
R_{YB}	167, 104, 116
Decimal	10971252
CIE _{Lab}	51.13, 26.87, 3.98
CIE _{LCh}	51, 27.160, 8.425
Yxy	19.3771, 0.3852, 0.3105
Android (android.graphics.Color)	4289161332 (0xFFA76874)
YUV	124.2050, -4.0451, 37.5312
Hunter-Lab	44.0194, 20.4452, 5.2277

Details

The XYZ color **24.0391, 19.3771, 18.9961** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4450, 32.9476, 36.0307**, and the grayscale version is **19.2322, 20.2338, 22.0346**.

A 20% lighter version of the original color is **49.6968, 42.4514, 42.6204**, and **9.2196, 6.6604, 6.2685** is the 20% darker color. If you saturate the color by 10%, you get **21.7915, 16.0502, 14.6452**, and if you desaturate by 10%, it is **26.7351, 23.4174, 24.0617**.

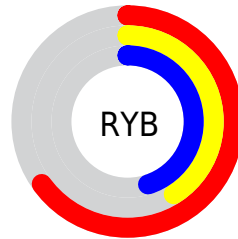
Distribution



Red (65%)

Green (41%)

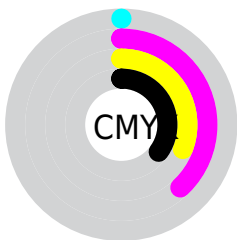
Blue (45%)



Red (65%)

Yellow (41%)

Blue (45%)

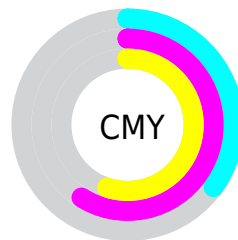


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (35%)



Cyan (35%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0391, 19.3771, 18.9961 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 24.0391, 19.3771, 18.9961 by changing the saturation by 10% instead.

■ 24.0391, 19.3771,
18.9961

■ 24.0391, 19.3771,
18.9961

265.4549,
248.5227, 258.8492

■ 15.4875, 11.9431,
11.4907

■ 49.5482, 42.3703,
42.5641

■ 9.2508, 6.7049,
6.2796

■ 67.2364, 58.6984,
59.4638

■ 4.9635, 3.2783,
2.9443

■ 88.7010, 78.7598,
80.3320

■ 2.2604, 1.2787,
1.0663

■ 114.3071,
102.9391, 105.5872

■ 0.7743, 0.1246,
0.0000

144.4202,
131.6207, 135.6480

■ 0.0000, 0.0000,
0.0000

179.4056,

165.1889, 170.9329

219.6287,
204.0281, 211.8605

■ 24.0391, 19.3771,
18.9961

■ 24.0391, 19.3771,
18.9961

■ 21.7915, 16.0502,
14.6452

■ 26.7351, 23.4174,
24.0617

■ 19.9661, 13.3925,
10.9752

■ 29.9007, 28.2065,
29.8711

■ 18.5363, 11.3590,
7.9515


■ 33.5576, 33.7806,
36.4535


■ 17.4717, 9.8984,
5.5358


■ 37.7258, 40.1729,
43.8358


■ 16.7374, 8.9506,
3.6854


■ 42.4239, 47.4147,
52.0439


 16.2793, 8.4188,
2.3478

 47.6698, 55.5354,
61.1024

 16.1945, 8.3187,
2.1045

 53.4805, 64.5633,
71.0349

 59.8723, 74.5252,
81.8639

 66.8607, 85.4471,
93.6115

Harmonies

Analogous

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



23.6738, 19.3771, 27.0454



24.0391, 19.3771, 18.9961



22.7868, 19.3771, 13.1478

Triad

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



24.0391, 19.3771, 18.9961



15.3784, 19.3771, 11.4698



16.5752, 19.3771, 38.1453

Complementary

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



24.0391, 19.3771, 18.9961



25.4450, 32.9476, 36.0307

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.



14.6456, 19.3771, 31.7417



24.0391, 19.3771, 18.9961



14.0030, 19.3771, 16.0940

Square

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



24.0391, 19.3771, 18.9961



17.6679, 19.3771, 9.5518



13.7484, 19.3771, 23.3503



19.1877, 19.3771, 39.4670

Rectangle

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



24.0391, 19.3771, 18.9961



21.2688, 19.3771, 10.8051



13.7484, 19.3771, 23.3503



15.8329, 19.3771, 36.4519

Sweetspot

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



24.0396, 19.3780, 18.9965



57.7200, 56.8642, 61.0264



25.3288, 19.6010, 39.0078



12.7247, 12.4324, 13.3115



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.



24.0396, 19.3780, 18.9965



39.7351, 29.7865, 27.6188



25.5063, 23.3570, 16.2619



7.5873, 7.5648, 8.1441



12.4062, 6.3712, 1.6848



0.3180, 0.1615, 0.1260

Inverse Universe

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



24.0396, 19.3780, 18.9965



39.7351, 29.7865, 27.6188



23.2904, 26.9451, 40.5328



7.5873, 7.5648, 8.1441



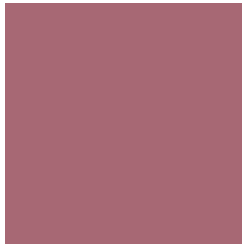
12.4062, 6.3712, 1.6848



0.3180, 0.1615, 0.1260

Previews

White Background



This preview shows how the XYZ color 24.0391, 19.3771, 18.9961 looks on a white background.

Color Contrast Check

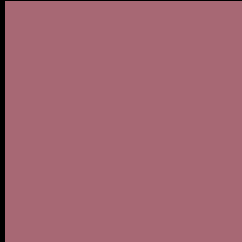
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0391, 19.3771, 18.9961 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 24.0391, 19.3771, 18.9961

Background



This preview shows how black text looks on a background with the XYZ color 24.0391, 19.3771, 18.9961.



This preview shows how white text looks on a background with the XYZ color 24.0391, 19.3771,

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

24.0391, 19.3771, 18.9961

Protanopia

18.8938, 19.6364, 22.5331

Deuteranopia

19.8322, 19.4901, 18.6363



Tritanopia

23.9126, 19.4885, 17.8306

Trichromacy



Original Color

24.0391, 19.3771, 18.9961

Protanomaly

20.2910, 19.1556, 21.0403

Deuteranomaly

21.2124, 19.3440, 18.8354

Tritanomaly

23.9686, 19.5109, 18.1255

Monochromacy



Original Color

24.0391, 19.3771, 18.9961

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.6277, 19.6785, 20.8003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0391, 19.3771, 18.9961 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, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 116)  
}
```

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, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.0391, 19.3771, 18.9961 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, 104, 116) }
```


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

```
.border{ border-color:rgb(167, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0391, 19.3771, 18.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 116) }
```

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

```
.background{ background-color: rgb(167,  
104, 116) }
```

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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