

Converting Colors

XYZ(23.6297, 18.0827, 20.1747)

Have a look what the booklet for
XYZ(23.6297, 18.0827, 20.1747)
contains.

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Color

**XYZ(23.6622, 18.1454,
20.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	A76179
RGB	167, 97, 121
RGB Percent	65%, 38%, 47%
CMY	0.3451, 0.6196, 0.5255
CMYK	0.00, 0.42, 0.28, 0.35
HSL	339°, 28%, 52%
HSV	339°, 42%, 65%
XYZ	23.6622, 18.1454, 20.3444
YIQ	120.6660, 34.0160, 22.3040

Conversions

Conversions Part 2

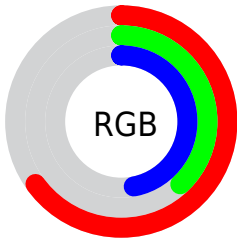
Format	Color
R_{YB}	167, 97, 121
Decimal	10969465
CIE _{Lab}	49.67, 31.47, -1.11
CIE _{LCh}	50, 31.490, 357.979
Yxy	18.1454, 0.3807, 0.2920
Android (android.graphics.Color)	4289159545 (0xFFA76179)
YUV	120.6660, 0.1647, 40.6349
Hunter-Lab	42.5974, 24.6085, 1.5015

Details

The XYZ color **23.6622, 18.1454, 20.3444** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7072, 32.1624, 30.9468**, and the grayscale version is **18.0586, 18.9991, 20.6900**.

A 20% lighter version of the original color is **49.0307, 40.3593, 44.7411**, and **9.0696, 6.1057, 7.0038** is the 20% darker color. If you saturate the color by 10%, you get **21.6432, 15.1239, 16.5376**, and if you desaturate by 10%, it is **26.0836, 21.8489, 24.6635**.

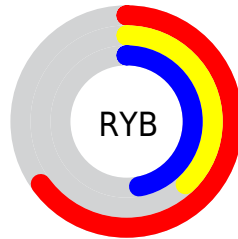
Distribution



Red (65%)

Green (38%)

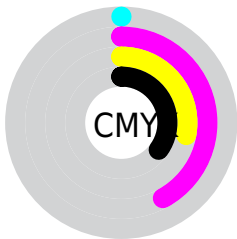
Blue (47%)



Red (65%)

Yellow (38%)

Blue (47%)

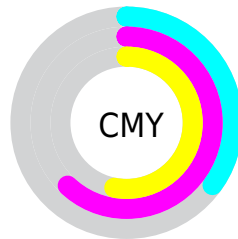


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (62%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6622, 18.1454, 20.3444 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 23.6622, 18.1454, 20.3444 by changing the saturation by 10% instead.


 23.6622, 18.1454,
20.3444


 23.6622, 18.1454,
20.3444


263.5805,
241.6893, 266.4391


 15.2066, 11.0544,
12.4591


 48.9371, 40.2849,
44.8604


 9.0518, 6.1035,
6.9308


 66.4871, 56.1023,
62.3281

 4.8323, 2.9081,
3.3411

 87.7993, 75.5972,
83.8271

 2.1830, 1.0839,
1.2713

 113.2390, 99.1541,
109.7758

 0.7337, 0.0000,
0.0381

143.1717,
127.1574, 140.5928

 0.0000, 0.0000,
0.0000

177.9625,

159.9914, 176.6967

217.9770,
198.0406, 218.5060

■ 23.6622, 18.1454,
20.3444

■ 23.6622, 18.1454,
20.3444

■ 21.6432, 15.1239,
16.5376

■ 26.0836, 21.8489,
24.6635

■ 20.0021, 12.7397,
13.2219

■ 28.9271, 26.2704,
29.5130

■ 18.7136, 10.9468,
10.3756


■ 32.2129, 31.4462,
34.9112


■ 17.7489, 9.6917,
7.9751


■ 35.9594, 37.4096,
40.8752


■ 17.0739, 8.9112,
5.9939


■ 40.1838, 44.1919,
47.4215

 16.6811, 8.5134,
4.6678

 44.9027, 51.8226,
54.5657

 50.1317, 60.3296,
62.3229

 55.8856, 69.7399,
70.7075

 62.1789, 80.0790,
79.7335

Harmonies

Analogous

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



22.6016, 18.1454, 29.8502



23.6622, 18.1454, 20.3444



22.8456, 18.1454, 12.9888

Triad

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



23.6622, 18.1454, 20.3444



14.6848, 18.1454, 8.4823



14.3712, 18.1454, 37.2883

Complementary

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



23.6622, 18.1454, 20.3444



23.7072, 32.1624, 30.9468

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.



12.6465, 18.1454, 28.5438



23.6622, 18.1454, 20.3444



12.8123, 18.1454, 12.2422

Square

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



23.6622, 18.1454, 20.3444



17.4505, 18.1454, 7.4377



12.1102, 18.1454, 19.1815



17.0444, 18.1454, 41.2346

Rectangle

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



23.6622, 18.1454, 20.3444



21.3937, 18.1454, 9.8670



12.1102, 18.1454, 19.1815



13.6734, 18.1454, 34.7080

Sweetspot

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



23.6627, 18.1463, 20.3448



56.8666, 55.0129, 61.1880



22.4918, 17.1356, 38.6812



12.4336, 11.8494, 13.2169



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.



23.6627, 18.1463, 20.3448



39.0949, 27.5785, 30.2647



23.4047, 19.6995, 13.8793



7.6333, 7.5832, 8.3862



12.7857, 6.5230, 3.6829



0.3350, 0.1683, 0.2156

Inverse Universe

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



23.6627, 18.1463, 20.3448



39.0949, 27.5785, 30.2647



23.8780, 29.2770, 40.9517



7.6333, 7.5832, 8.3862



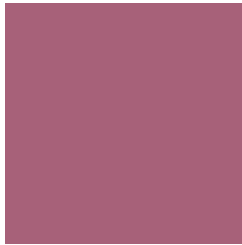
12.7857, 6.5230, 3.6829



0.3350, 0.1683, 0.2156

Previews

White Background



This preview shows how the XYZ color 23.6622, 18.1454, 20.3444 looks on a white background.

Color Contrast Check

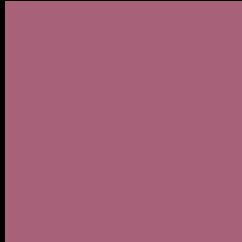
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6622, 18.1454, 20.3444 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 23.6622, 18.1454, 20.3444

Background



This preview shows how black text looks on a background with the XYZ color 23.6622, 18.1454, 20.3444.



This preview shows how white text looks on a background with the XYZ color 23.6622, 18.1454,

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

23.6622, 18.1454, 20.3444

Protanopia

17.9840, 18.3911, 25.1562

Deuteranopia

18.6067, 18.3153, 19.6941



Tritanopia

22.9369, 18.2829, 16.2300

Trichromacy



Original Color

23.6622, 18.1454, 20.3444

Protanomaly

19.5301, 17.8877, 23.1922

Deuteranomaly

20.0200, 17.8967, 19.8520

Tritanomaly

23.1124, 18.2005, 17.6241

Monochromacy



Original Color

23.6622, 18.1454, 20.3444

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.7266, 18.3721, 20.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6622, 18.1454, 20.3444 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, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(167, 97, 121)  
}
```

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, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 97, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.6622, 18.1454, 20.3444 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, 97, 121) }
```


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

```
.border{ border-color:rgb(167, 97, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 97, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 97, 121);  
box-shadow:4px 4px 4px 4px rgb(167, 97,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6622, 18.1454, 20.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 97, 121) }
```

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

```
.background{ background-color: rgb(167, 97,  
121) }
```

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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