

Converting Colors

XYZ(23.7121, 18.4132, 15.6689)

Have a look what the booklet for
XYZ(23.7121, 18.4132, 15.6689)
contains.

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Color

**XYZ(23.7121, 18.4132,
15.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6269
RGB	171, 98, 105
RGB Percent	67%, 38%, 41%
CMY	0.3294, 0.6157, 0.5882
CMYK	0.00, 0.43, 0.39, 0.33
HSL	354°, 30%, 53%
HSV	354°, 43%, 67%
XYZ	23.7121, 18.4132, 15.6689
YIQ	120.6250, 41.2610, 17.6530

Conversions

Conversions Part 2

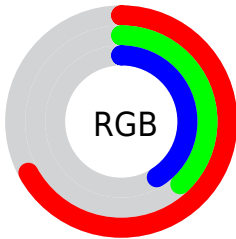
Format	Color
R_{YB}	171, 98, 105
Decimal	11231849
CIE _{Lab}	49.99, 30.31, 8.98
CIE _{LCh}	50, 31.607, 16.497
Yxy	18.4132, 0.4103, 0.3186
Android (android.graphics.Color)	4289421929 (0xFFAB6269)
YUV	120.6250, -7.7031, 44.1789
Hunter-Lab	42.9106, 23.5443, 8.3876

Details

The XYZ color **23.7121, 18.4132, 15.6689** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3017, 34.4033, 40.3782**, and the grayscale version is **18.0682, 19.0092, 20.7010**.

A 20% lighter version of the original color is **48.9020, 40.7070, 36.7323**, and **9.0645, 6.2151, 4.7249** is the 20% darker color. If you saturate the color by 10%, you get **21.5559, 15.2590, 11.3796**, and if you desaturate by 10%, it is **26.3556, 22.3106, 20.8339**.

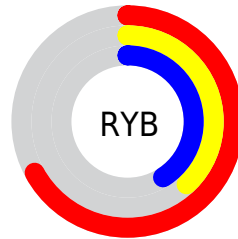
Distribution



Red (67%)

Green (38%)

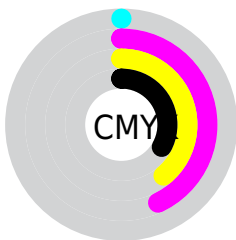
Blue (41%)



Red (67%)

Yellow (38%)

Blue (41%)

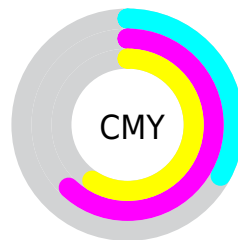


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (33%)



Cyan (33%)


Magenta (62%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.7121, 18.4132, 15.6689 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 23.7121, 18.4132, 15.6689 by changing the saturation by 10% instead.


 23.7121, 18.4132,
15.6689


 23.7121, 18.4132,
15.6689


263.8293,
243.1898, 239.1586


 15.2438, 11.2470,
9.1384


 49.0181, 40.7402,
36.7812


 9.0781, 6.2333,
4.7335


 66.5864, 56.6698,
52.2000

 4.8497, 2.9874,
2.0358

 87.9189, 76.2893,
71.4187

 2.1932, 1.1252,
0.5771

 113.3807, 99.9832,
94.8557

 0.7391, 0.0000,
0.0000

143.3373,
128.1358, 122.9297

 0.0000, 0.0000,
0.0000

178.1540,

161.1315, 156.0592

218.1962,
199.3547, 194.6626

■ 23.7121, 18.4132,
15.6689

■ 23.7121, 18.4132,
15.6689

■ 21.5559, 15.2590,
11.3796

■ 26.3556, 22.3106,
20.8339

■ 19.8557, 12.7982,
7.9162

■ 29.5121, 26.9914,
26.9182

■ 18.5789, 10.9792,
5.2258


■ 33.2075, 32.4963,
33.9641


■ 17.6879, 9.7422,
3.2487


■ 37.4653, 38.8621,
42.0107


■ 17.1383, 9.0157,
1.9165

■ 42.3076, 46.1236,
51.0950

 16.8911, 8.6965,
1.2939

 47.7555, 54.3137,
61.2522

 53.8288, 63.4635,
72.5156

 60.5467, 73.6027,
84.9174

 67.9272, 84.7598,
98.4882

Harmonies

Analogous

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



23.8088, 18.4132, 24.2087



23.7121, 18.4132, 15.6689



21.8323, 18.4132, 10.2078

Triad

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



23.7121, 18.4132, 15.6689



13.6015, 18.4132, 10.6064



16.1740, 18.4132, 41.0781

Complementary

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



23.7121, 18.4132, 15.6689



26.3017, 34.4033, 40.3782

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.



13.7845, 18.4132, 34.7734



23.7121, 18.4132, 15.6689



12.4194, 18.4132, 16.3951

Square

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



23.7121, 18.4132, 15.6689



15.8963, 18.4132, 7.9169



12.4822, 18.4132, 25.1773



19.2106, 18.4132, 40.7148

Rectangle

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



23.7121, 18.4132, 15.6689



19.9324, 18.4132, 8.2987



12.4822, 18.4132, 25.1773



15.2762, 18.4132, 39.6051

Sweetspot

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



23.7126, 18.4141, 15.6693



59.0884, 57.6253, 60.0980



26.9670, 19.5372, 40.8779



12.8422, 12.3514, 12.7659



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.7126, 18.4141, 15.6693



38.8786, 27.7259, 20.9290



26.6151, 24.7711, 14.9349



8.0353, 8.0274, 8.4966



12.7428, 6.5597, 1.0251



0.3643, 0.1864, 0.0799

Inverse Universe

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



23.7126, 18.4141, 15.6693



38.8786, 27.7259, 20.9290



22.0318, 24.8243, 42.1586



8.0353, 8.0274, 8.4966



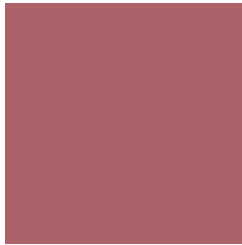
12.7428, 6.5597, 1.0251



0.3643, 0.1864, 0.0799

Previews

White Background



This preview shows how the XYZ color 23.7121, 18.4132, 15.6689 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

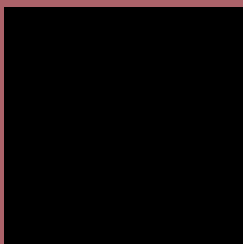
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7121, 18.4132, 15.6689

Background



This preview shows how black text looks on a background with the XYZ color 23.7121, 18.4132, 15.6689.



This preview shows how white text looks on a background with the XYZ color 23.7121, 18.4132,

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

23.7121, 18.4132, 15.6689

Protanopia

17.7753, 18.5922, 19.1748

Deuteranopia

18.8455, 18.5391, 15.1555



Tritanopia

23.7121, 18.4132, 15.6689

Trichromacy



Original Color

23.7121, 18.4132, 15.6689

Protanomaly

19.4243, 18.1142, 17.8018

Deuteranomaly

20.3112, 18.3061, 15.2949

Tritanomaly

23.7121, 18.4132, 15.6689

Monochromacy



Original Color

23.7121, 18.4132, 15.6689

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.6471, 18.5370, 18.7621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7121, 18.4132, 15.6689 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(171, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(171, 98, 105)  
}
```

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(171, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 98, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.7121, 18.4132, 15.6689 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(171, 98, 105) }
```


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

```
.border{ border-color:rgb(171, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 98, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 98, 105); box-shadow:4px 4px 4px 4px rgb(171, 98, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7121, 18.4132, 15.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 98, 105) }
```

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

```
.background{ background-color: rgb(171, 98,  
105) }
```

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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