

Converting Colors

XYZ(23.6396, 19.5527, 15.7454)

Have a look what the booklet for
XYZ(23.6396, 19.5527, 15.7454)
contains.

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Color

**XYZ(23.5891, 19.5230,
15.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	A76A68
RGB	167, 106, 104
RGB Percent	65%, 42%, 41%
CMY	0.3451, 0.5843, 0.5922
CMYK	0.00, 0.37, 0.38, 0.35
HSL	2°, 26%, 53%
HSV	2°, 38%, 65%
XYZ	23.5891, 19.5230, 15.6217
YIQ	124.0110, 36.9980, 12.3100

Conversions

Conversions Part 2

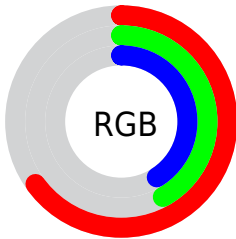
Format	Color
R_{YB}	167, 106, 104
Decimal	10971752
CIE _{Lab}	51.29, 24.16, 11.32
CIE _{LCh}	51, 26.679, 25.112
Yxy	19.5230, 0.4016, 0.3324
Android (android.graphics.Color)	4289161832 (0xFFA76A68)
YUV	124.0110, -9.8654, 37.7014
Hunter-Lab	44.1848, 17.9729, 9.9672

Details

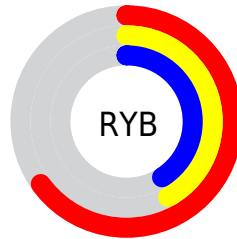
The XYZ color **23.5891, 19.5230, 15.6217** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1386, 32.6422, 41.4823**, and the grayscale version is **19.1855, 20.1846, 21.9810**.

A 20% lighter version of the original color is **48.8837, 42.6676, 36.6696**, and **9.0616, 6.8322, 4.7120** is the 20% darker color. If you saturate the color by 10%, you get **21.3113, 16.1931, 11.0837**, and if you desaturate by 10%, it is **26.3501, 23.5503, 21.1499**.

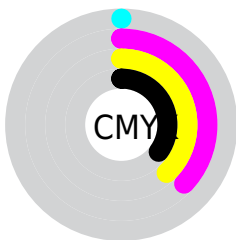
Distribution



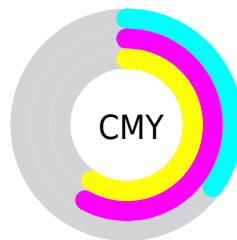
- Red (65%)
- Green (42%)
- Blue (41%)



- Red (65%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (35%)





- Cyan (35%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5891, 19.5230, 15.6217 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 23.5891, 19.5230, 15.6217 by changing the saturation by 10% instead.


 23.5891, 19.5230,
15.6217


 23.5891, 19.5230,
15.6217


263.2157,
249.3210, 238.8680


 15.1522, 12.0488,
9.1054


 48.8184, 42.6160,
36.6978


 9.0133, 6.7769,
4.7123


 66.3415, 59.0036,
52.0947

 4.8070, 3.3230,
2.0237

 87.6240, 79.1311,
71.2889

 2.1681, 1.3026,
0.5698

 113.0314,
103.3829, 94.6989

 0.7258, 0.1432,
0.0000

142.9288,
132.1434, 122.7433

 0.0000, 0.0000,
0.0000

177.6818,

165.7969, 155.8405

217.6556,
204.7280, 194.4093

■ 23.5891, 19.5230,
15.6217

■ 23.5891, 19.5230,
15.6217

■ 21.3113, 16.1931,
11.0837

■ 26.3501, 23.5503,
21.1499

■ 19.4875, 13.5185,
7.4765

■ 29.6182, 28.3085,
27.7209

■ 18.0878, 11.4566,
4.7358


■ 33.4177, 33.8322,
35.3849


■ 17.0779, 9.9591,
2.7890

■ 37.7707, 40.1533,
44.1882


■ 16.4182, 8.9699,
1.5515


■ 42.6981, 47.3014,
54.1750


 16.0548, 8.4190,
0.8880

 48.2198, 55.3051,
65.3866

 15.9941, 8.3308,
0.7650

 54.3546, 64.1912,
77.8628

 61.1207, 73.9857,
91.6411

 68.5354, 84.7132,
106.7579

Harmonies

Analogous

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



24.1394, 19.5230, 22.5315



23.5891, 19.5230, 15.6217



21.6414, 19.5230, 11.3551

Triad

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



23.5891, 19.5230, 15.6217



14.6650, 19.5230, 13.9246



18.1231, 19.5230, 39.4706

Complementary

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



23.5891, 19.5230, 15.6217



26.1386, 32.6422, 41.4823

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.



15.7788, 19.5230, 35.6968



23.5891, 19.5230, 15.6217



13.9077, 19.5230, 20.0320

Square

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



23.5891, 19.5230, 15.6217



16.4668, 19.5230, 10.5521



14.2952, 19.5230, 28.1073



20.8149, 19.5230, 37.4915

Rectangle

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



23.5891, 19.5230, 15.6217



19.9029, 19.5230, 10.0017



14.2952, 19.5230, 28.1073



17.2713, 19.5230, 38.8112

Sweetspot

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



23.5896, 19.5240, 15.6221



57.3738, 56.9945, 58.3751



27.7652, 20.8676, 38.6170



12.6396, 12.4642, 12.6606



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.



23.5896, 19.5240, 15.6221



38.8818, 30.0469, 21.2701



27.3170, 26.9788, 16.8646



7.5495, 7.5791, 7.8543



12.2457, 6.3887, 0.5877



0.3037, 0.1670, 0.0162

Inverse Universe

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



26.1386, 32.6422, 41.4823



44.0864, 56.8489, 74.1246



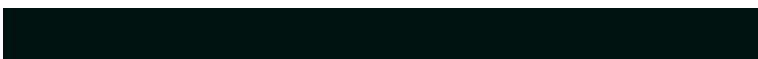
21.2716, 22.9081, 39.8599



7.7268, 8.4905, 9.6499



15.1894, 21.8389, 31.3903



0.3756, 0.5435, 0.7658

Previews

White Background



This preview shows how the XYZ color 23.5891, 19.5230, 15.6217 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 23.5891, 19.5230, 15.6217 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 23.5891, 19.5230, 15.6217

Background



This preview shows how black text looks on a background with the XYZ color 23.5891, 19.5230, 15.6217.



This preview shows how white text looks on a background with the XYZ color 23.5891, 19.5230,

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

23.5891, 19.5230, 15.6217

Protanopia

18.6366, 19.6009, 18.1303

Deuteranopia

20.0320, 19.6670, 15.3107



Tritanopia

24.1807, 19.6202, 18.1354

Trichromacy



Original Color

23.5891, 19.5230, 15.6217

Protanomaly

20.1610, 19.3457, 17.1395

Deuteranomaly

21.2280, 19.5932, 15.4950

Tritanomaly

24.0145, 19.5538, 17.2604

Monochromacy



Original Color

23.5891, 19.5230, 15.6217

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.3874, 19.5824, 19.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5891, 19.5230, 15.6217 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, 106, 104)` looks like.

```
.text, #text, p{  
    color:rgb(167, 106, 104)  
}
```

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, 106, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 106, 104) }
```

Border

The CSS property to change the border of an element to XYZ 23.5891, 19.5230, 15.6217 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, 106, 104) }
```


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

```
.border{ border-color:rgb(167, 106, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 106, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 106, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 106, 104);  
box-shadow:4px 4px 4px 4px rgb(167, 106,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5891, 19.5230, 15.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 106, 104) }
```

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

```
.background{ background-color: rgb(167,  
106, 104) }
```

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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