

Converting Colors

XYZ(23.4565, 19.5397, 18.7549)

Have a look what the booklet for
XYZ(23.4565, 19.5397, 18.7549)
contains.

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Color

**XYZ(23.4565, 19.5397,
18.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	A36B73
RGB	163, 107, 115
RGB Percent	64%, 42%, 45%
CMY	0.3608, 0.5804, 0.5490
CMYK	0.00, 0.34, 0.29, 0.36
HSL	351°, 23%, 53%
HSV	351°, 34%, 64%
XYZ	23.4565, 19.5397, 18.7549
YIQ	124.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

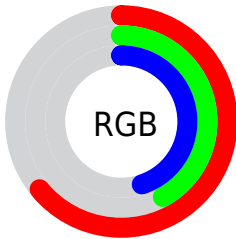
Format	Color
R_{YB}	163, 107, 115
Decimal	10709875
CIE _{Lab}	51.31, 23.48, 4.78
CIE _{LCh}	51, 23.965, 11.498
Yxy	19.5397, 0.3799, 0.3164
Android (android.graphics.Color)	4288899955 (0xFFA36B73)
YUV	124.6560, -4.7604, 33.6277
Hunter-Lab	44.2037, 17.3636, 5.7869

Details

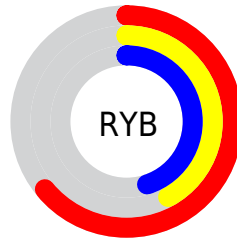
The XYZ color **23.4565, 19.5397, 18.7549** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0779, 31.6873, 35.8065**, and the grayscale version is **19.3861, 20.3957, 22.2109**.

A 20% lighter version of the original color is **48.5866, 42.6464, 42.2300**, and **9.0075, 6.8482, 6.1573** is the 20% darker color. If you saturate the color by 10%, you get **21.1705, 16.1584, 14.3223**, and if you desaturate by 10%, it is **26.1858, 23.6123, 23.9370**.

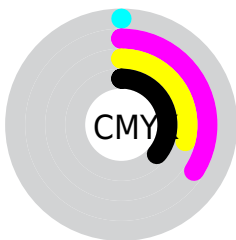
Distribution



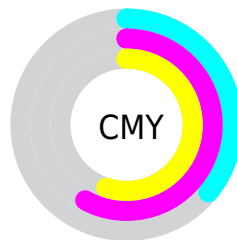
- Red (64%)
- Green (42%)
- Blue (45%)



- Red (64%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4565, 19.5397, 18.7549 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 23.4565, 19.5397, 18.7549 by changing the saturation by 10% instead.

■ 23.4565, 19.5397,
18.7549

■ 23.4565, 19.5397,
18.7549

262.5529,
249.4122, 257.4698

■ 15.0535, 12.0609,
11.3183

■ 48.6030, 42.6441,
42.1507

■ 8.9435, 6.7852,
6.1645

■ 66.0772, 59.0385,
58.9470

■ 4.7612, 3.3281,
2.8750

■ 87.3058, 79.1735,
79.7002

■ 2.1411, 1.3053,
1.0311

■ 112.6542,
103.4336, 104.8289

■ 0.7114, 0.1453,
0.0000

142.4877,
132.2031, 134.7517

■ 0.0000, 0.0000,
0.0000

177.1718,

165.8665, 169.8871

217.0717,
204.8080, 210.6536

■ 23.4565, 19.5397,
18.7549

■ 23.4565, 19.5397,
18.7549

■ 21.1705, 16.1584,
14.3223

■ 26.1858, 23.6123,
23.9370

■ 19.3028, 13.4273,
10.6032

■ 29.3785, 28.4088,
29.8999

■ 17.8280, 11.3053,
7.5604

■ 33.0555, 33.9629,
36.6747

■ 16.7177, 9.7456,
5.1528

■ 37.2360, 40.3055,
44.2902

■ 15.9392, 8.6941,
3.3348

■ 41.9379, 47.4658,
52.7741

■ 15.4538, 8.0862,
2.0542

■ 47.1785, 55.4715,
62.1526

■ 15.2618, 7.8496,
1.5360

■ 52.9741, 64.3489,
72.4507

■ 59.3404, 74.1233,
83.6928

■ 66.2925, 84.8188,
95.9020

Harmonies

Analogous

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



23.2869, 19.5397, 25.7381



23.4565, 19.5397, 18.7549



22.2364, 19.5397, 13.6828

Triad

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



23.4565, 19.5397, 18.7549



15.6864, 19.5397, 12.8519



17.1494, 19.5397, 36.3815

Complementary

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



23.4565, 19.5397, 18.7549



25.0779, 31.6873, 35.8065

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.



15.3339, 19.5397, 31.2577



23.4565, 19.5397, 18.7549



14.5406, 19.5397, 17.3609

Square

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



23.4565, 19.5397, 18.7549



17.6696, 19.5397, 10.7971



14.4173, 19.5397, 24.0122



19.5044, 19.5397, 36.9807

Rectangle

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



23.4565, 19.5397, 18.7549



20.8557, 19.5397, 11.6676



14.4173, 19.5397, 24.0122



16.4612, 19.5397, 35.0870

Sweetspot

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



23.4570, 19.5406, 18.7553



55.2516, 54.8554, 58.4255



25.3101, 20.0897, 37.1943



12.2154, 12.0277, 12.7642



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.4570, 19.5406, 18.7553



38.9027, 30.3941, 27.5833



25.2966, 23.9245, 17.1956



7.1131, 7.1017, 7.5819



11.8719, 6.1048, 1.2503



0.2606, 0.1327, 0.0851

Inverse Universe

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



23.4570, 19.5406, 18.7553



38.9027, 30.3941, 27.5833



22.5577, 25.5362, 38.3906



7.1131, 7.1017, 7.5819



11.8719, 6.1048, 1.2503



0.2606, 0.1327, 0.0851

Previews

White Background



This preview shows how the XYZ color 23.4565, 19.5397, 18.7549 looks on a white background.

Color Contrast Check

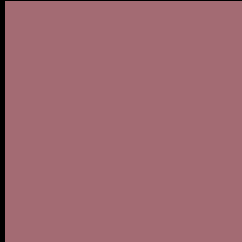
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4565, 19.5397, 18.7549 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 23.4565, 19.5397, 18.7549

Background



This preview shows how black text looks on a background with the XYZ color 23.4565, 19.5397, 18.7549.



This preview shows how white text looks on a background with the XYZ color 23.4565, 19.5397,

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

23.4565, 19.5397, 18.7549

Protanopia

18.9921, 19.7091, 21.5421

Deuteranopia

19.9403, 19.5524, 18.3458



Tritanopia

23.4565, 19.5397, 18.7549

Trichromacy



Original Color

23.4565, 19.5397, 18.7549

Protanomaly

20.3989, 19.5676, 20.4711

Deuteranomaly

21.0872, 19.4526, 18.5629

Tritanomaly

23.4565, 19.5397, 18.7549

Monochromacy



Original Color

23.4565, 19.5397, 18.7549

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.5771, 19.8263, 20.8315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4565, 19.5397, 18.7549 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(163, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(163, 107, 115)  
}
```

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(163, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 107, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.4565, 19.5397, 18.7549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

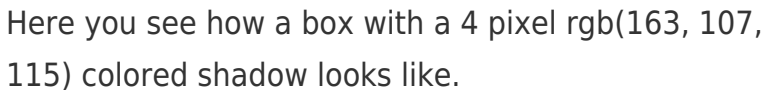
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 107, 115) }
```


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

```
.border{ border-color:rgb(163, 107, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 107, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 107, 115); box-shadow:4px 4px 4px 4px rgb(163, 107, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4565, 19.5397, 18.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 107, 115) }
```

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

```
.background{ background-color: rgb(163,  
107, 115) }
```

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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