

Converting Colors

XYZ(23.3125, 18.4557, 16.1905)

Have a look what the booklet for
XYZ(23.3125, 18.4557, 16.1905)
contains.

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Color

**XYZ(23.3595, 18.5007,
16.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	A8646B
RGB	168, 100, 107
RGB Percent	66%, 39%, 42%
CMY	0.3412, 0.6078, 0.5804
CMYK	0.00, 0.40, 0.36, 0.34
HSL	354°, 28%, 53%
HSV	354°, 40%, 66%
XYZ	23.3595, 18.5007, 16.2497
YIQ	121.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

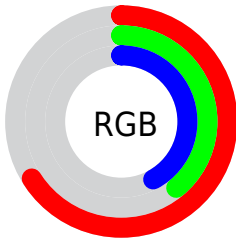
Format	Color
R_{YB}	168, 100, 107
Decimal	11035755
CIE _{Lab}	50.10, 28.29, 7.88
CIE _{LCh}	50, 29.364, 15.558
Yxy	18.5007, 0.4020, 0.3184
Android (android.graphics.Color)	4289225835 (0xFFA8646B)
YUV	121.1300, -6.9661, 41.1050
Hunter-Lab	43.0124, 21.6693, 7.7095

Details

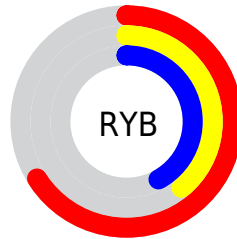
The XYZ color **23.3595, 18.5007, 16.2497** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6921, 33.2883, 38.7913**, and the grayscale version is **18.2296, 19.1789, 20.8859**.

A 20% lighter version of the original color is **48.4511, 40.9326, 37.6949**, and **8.9389, 6.2713, 5.0143** is the 20% darker color. If you saturate the color by 10%, you get **21.1861, 15.3142, 11.9483**, and if you desaturate by 10%, it is **26.0044, 22.4089, 21.3905**.

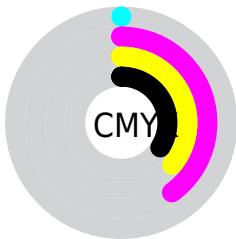
Distribution



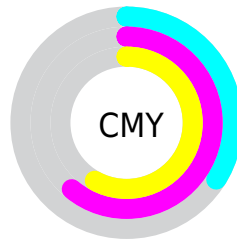
- Red (66%)
- Green (39%)
- Blue (42%)



- Red (66%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (34%)





- Cyan (34%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.3595, 18.5007, 16.2497 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 23.3595, 18.5007, 16.2497 by changing the saturation by 10% instead.


 23.3595, 18.5007,
16.2497


 23.3595, 18.5007,
16.2497

262.0671,
243.6783, 242.7065


 14.9813, 11.3101,
9.5448


 48.4453, 40.8887,
37.8040


 8.8925, 6.2758,
4.9965


 65.8836, 56.8548,
53.4904

 4.7277, 3.0135,
2.1865

 87.0727, 76.5149,
73.0076

 2.1215, 1.1388,
0.6666

 112.3779,
100.2533, 96.7744

 0.7009, 0.0108,
0.0000

142.1646,
128.4544, 125.2091

 0.0000, 0.0000,
0.0000

176.7981,

161.5027, 158.7303

216.6439,
199.7826, 197.7566

■ 23.3595, 18.5007,
16.2497

■ 23.3595, 18.5007,
16.2497

■ 21.1861, 15.3142,
11.9483

■ 26.0044, 22.4089,
21.3905

■ 19.4550, 12.8025,
8.4406

■ 29.1447, 27.0762,
27.4111

■ 18.1359, 10.9178,
5.6782


■ 32.8047, 32.5409,
34.3502


■ 17.1943, 9.6047,
3.6069


■ 37.0063, 38.8379,
42.2442


■ 16.5898, 8.7979,
2.1650


■ 41.7705, 46.0000,
51.1275

 16.2519, 8.3662,
1.3004

 47.1170, 54.0581,
61.0325

 53.0645, 63.0417,
71.9905

 59.6310, 72.9789,
84.0313

 66.8336, 83.8968,
97.1834

Harmonies

Analogous

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



23.3926, 18.5007, 24.2826



23.3595, 18.5007, 16.2497



21.6727, 18.5007, 10.9466

Triad

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



23.3595, 18.5007, 16.2497



13.9812, 18.5007, 11.0900



16.2629, 18.5007, 39.2990

Complementary

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



23.3595, 18.5007, 16.2497



25.6921, 33.2883, 38.7913

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.



14.0455, 18.5007, 33.4320



23.3595, 18.5007, 16.2497



12.8271, 18.5007, 16.5048

Square

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



23.3595, 18.5007, 16.2497



16.1660, 18.5007, 8.5588



12.8494, 18.5007, 24.6158



19.0833, 18.5007, 39.1766

Rectangle

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



23.3595, 18.5007, 16.2497



19.9314, 18.5007, 9.0335



12.8494, 18.5007, 24.6158



15.4292, 18.5007, 37.9052

Sweetspot

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



23.3600, 18.5016, 16.2501



58.2989, 57.2110, 60.0109



26.1362, 19.4229, 39.4174



12.5220, 12.1936, 12.7306



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.



23.3600, 18.5016, 16.2501



38.6495, 28.0879, 22.0904



25.9187, 24.1845, 15.3597



7.5613, 7.5544, 8.0071



12.2824, 6.3217, 1.0330



0.3082, 0.1576, 0.0744

Inverse Universe

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



23.3600, 18.5016, 16.2501



38.6495, 28.0879, 22.0904



21.9873, 24.8635, 40.6862



7.5613, 7.5544, 8.0071



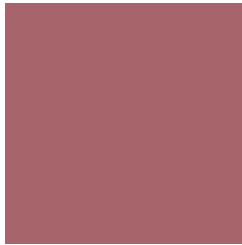
12.2824, 6.3217, 1.0330



0.3082, 0.1576, 0.0744

Previews

White Background



This preview shows how the XYZ color 23.3595, 18.5007, 16.2497 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 23.3595, 18.5007, 16.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

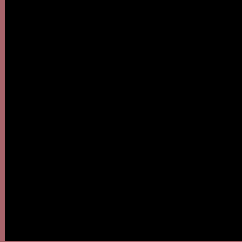
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3595, 18.5007, 16.2497

Background



This preview shows how black text looks on a background with the XYZ color 23.3595, 18.5007, 16.2497.



This preview shows how white text looks on a background with the XYZ color 23.3595, 18.5007,

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

23.3595, 18.5007, 16.2497

Protanopia

17.8338, 18.6156, 19.4828

Deuteranopia

18.9460, 18.5793, 15.6843



Tritanopia

23.3595, 18.5007, 16.2497

Trichromacy



Original Color

23.3595, 18.5007, 16.2497

Protanomaly

19.4223, 18.2696, 18.1255

Deuteranomaly

20.3385, 18.4677, 15.8573

Tritanomaly

23.3595, 18.5007, 16.2497

Monochromacy



Original Color

23.3595, 18.5007, 16.2497

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.5387, 18.4745, 19.0591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3595, 18.5007, 16.2497 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(168, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(168, 100, 107)  
}
```

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(168, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 100, 107) }
```

Border

The CSS property to change the border of an element to XYZ 23.3595, 18.5007, 16.2497 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(168, 100, 107) }
```


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

```
.border{ border-color:rgb(168, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(168, 100,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3595, 18.5007, 16.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 100, 107) }
```

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

```
.background{ background-color: rgb(168,  
100, 107) }
```

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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