

Converting Colors

XYZ(23.5144, 18.4849, 14.2784)

Have a look what the booklet for
XYZ(23.5144, 18.4849, 14.2784)
contains.

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Color

**XYZ(23.5567, 18.5017,
14.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6364
RGB	171, 99, 100
RGB Percent	67%, 39%, 39%
CMY	0.3294, 0.6117, 0.6078
CMYK	0.00, 0.42, 0.42, 0.33
HSL	359°, 30%, 53%
HSV	359°, 42%, 67%
XYZ	23.5567, 18.5017, 14.3862
YIQ	120.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

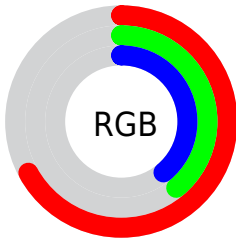
Format	Color
R_{YB}	171, 99, 100
Decimal	11232100
CIE Lab	50.10, 29.16, 12.10
CIE LCh	50, 31.572, 22.533
Yxy	18.5017, 0.4173, 0.3278
Android (android.graphics.Color)	4289422180 (0xFFAB6364)
YUV	120.6420, -10.1765, 44.1640
Hunter-Lab	43.0136, 22.4830, 10.2796

Details

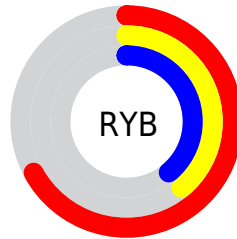
The XYZ color **23.5567, 18.5017, 14.3862** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9651, 34.6812, 43.3051**, and the grayscale version is **18.0811, 19.0227, 20.7158**.

A 20% lighter version of the original color is **48.9656, 41.0256, 34.6161**, and **8.9857, 6.2512, 4.1012** is the 20% darker color. If you saturate the color by 10%, you get **21.3714, 15.3048, 10.0392**, and if you desaturate by 10%, it is **26.2550, 22.4540, 19.7381**.

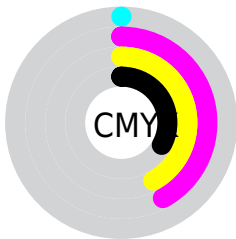
Distribution



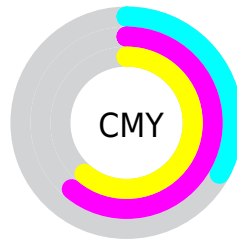
- Red (67%)
- Green (39%)
- Blue (39%)



- Red (67%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (33%)





- Cyan (33%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5567, 18.5017, 14.3862 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 23.5567, 18.5017, 14.3862 by changing the saturation by 10% instead.


 23.5567, 18.5017,
14.3862


 23.5567, 18.5017,
14.3862


263.0538,
243.6839, 231.1317


 15.1281, 11.3108,
8.2480


 48.7658, 40.8904,
34.4997


 8.9962, 6.2763,
4.1640


 66.2769, 56.8569,
49.3120

 4.7958, 3.0138,
1.7157

 87.5463, 76.5174,
67.8527

 2.1615, 1.1389,
0.3715

 112.9393,
100.2564, 90.5404

 0.7223, 0.0110,
0.0000

142.8211,
128.4581, 117.7936

 0.0000, 0.0000,
0.0000

177.5573,

161.5070, 150.0309

217.5131,
199.7874, 187.6707

■ 23.5567, 18.5017,
14.3862

■ 23.5567, 18.5017,
14.3862

■ 21.3714, 15.3048,
10.0392

■ 26.2550, 22.4540,
19.7381

■ 19.6652, 12.8127,
6.6333

■ 29.4943, 27.2027,
26.1509

■ 18.4026, 10.9730,
4.0994

■ 33.3024, 32.7891,
33.6780


■ 17.5425, 9.7247,
2.3583


■ 37.7047, 39.2508,
42.3688


■ 17.0362, 8.9953,
1.3163

■ 42.7252, 46.6230,
52.2696

 16.8076, 8.6631,
0.8542

 48.3865, 54.9393,
63.4244

 54.7099, 64.2314,
75.8748

 61.7160, 74.5293,
89.6606

 69.4243, 85.8622,
104.8198

Harmonies

Analogous

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



24.0421, 18.5017, 22.4004



23.5567, 18.5017, 14.3862



21.3867, 18.5017, 9.5642

Triad

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



23.5567, 18.5017, 14.3862



13.3414, 18.5017, 11.5804



16.8364, 18.5017, 41.7236

Complementary

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



23.5567, 18.5017, 14.3862



26.9651, 34.6812, 43.3051

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.



14.2634, 18.5017, 36.5702



23.5567, 18.5017, 14.3862



12.4023, 18.5017, 18.0467

Square

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



23.5567, 18.5017, 14.3862



15.4388, 18.5017, 8.3002



12.7193, 18.5017, 27.2665



19.9221, 18.5017, 39.9047

Rectangle

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



23.5567, 18.5017, 14.3862



19.3991, 18.5017, 8.0231



12.7193, 18.5017, 27.2665



15.8883, 18.5017, 40.7083

Sweetspot

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



23.5572, 18.5026, 14.3866



58.8216, 57.5186, 58.6933



28.3474, 20.3886, 40.9695



12.7751, 12.3246, 12.4124



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.



23.5572, 18.5026, 14.3866



38.3450, 27.5124, 18.1190



27.5448, 26.5545, 15.4793



8.0096, 8.0171, 8.3612



12.6721, 6.5314, 0.6526



0.3539, 0.1823, 0.0256

Inverse Universe

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



23.5572, 18.5026, 14.3866



38.3450, 27.5124, 18.1190



21.3295, 23.2586, 41.8933



8.0096, 8.0171, 8.3612



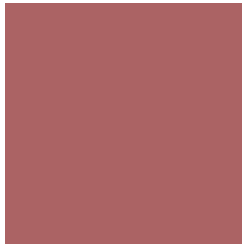
12.6721, 6.5314, 0.6526



0.3539, 0.1823, 0.0256

Previews

White Background



This preview shows how the XYZ color 23.5567, 18.5017, 14.3862 looks on a white background.

Color Contrast Check

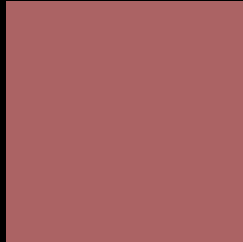
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5567, 18.5017, 14.3862 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 23.5567, 18.5017, 14.3862

Background



This preview shows how black text looks on a background with the XYZ color 23.5567, 18.5017, 14.3862.



This preview shows how white text looks on a background with the XYZ color 23.5567, 18.5017,

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

23.5567, 18.5017, 14.3862

Protanopia

17.7235, 18.6045, 17.4088

Deuteranopia

18.9359, 18.6135, 13.9040



Tritanopia

23.7121, 18.4132, 15.6689

Trichromacy



Original Color

23.5567, 18.5017, 14.3862

Protanomaly

19.3802, 18.2917, 16.1449

Deuteranomaly

20.4357, 18.3984, 14.0294

Tritanomaly

23.6105, 18.3726, 15.1338

Monochromacy



Original Color

23.5567, 18.5017, 14.3862

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.5332, 18.4915, 18.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5567, 18.5017, 14.3862 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, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 100)  
}
```

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, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 100) }
```

Border

The CSS property to change the border of an element to XYZ 23.5567, 18.5017, 14.3862 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, 99, 100) }
```


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

```
.border{ border-color:rgb(171, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(171, 99,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5567, 18.5017, 14.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 100) }
```

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

```
.background{ background-color: rgb(171, 99,  
100) }
```

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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