

Converting Colors

XYZ(23.3590, 18.6168, 18.1986)

Have a look what the booklet for
XYZ(23.3590, 18.6168, 18.1986)
contains.

XYZ(23.4168, 18.6293, 18.2812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.4168, 18.6293,
18.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	A66572
RGB	166, 101, 114
RGB Percent	65%, 40%, 45%
CMY	0.3490, 0.6039, 0.5529
CMYK	0.00, 0.39, 0.31, 0.35
HSL	348°, 27%, 52%
HSV	348°, 39%, 65%
XYZ	23.4168, 18.6293, 18.2812
YIQ	121.9170, 34.5670, 17.8230

Conversions

Conversions Part 2

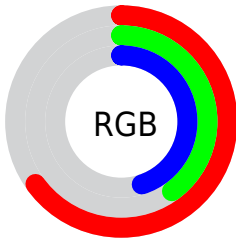
Format	Color
R_{YB}	166, 101, 114
Decimal	10904946
CIE _{Lab}	50.25, 27.89, 3.89
CIE _{LCh}	50, 28.156, 7.943
Yxy	18.6293, 0.3882, 0.3088
Android (android.graphics.Color)	4289095026 (0xFFA66572)
YUV	121.9170, -3.9031, 38.6608
Hunter-Lab	43.1617, 21.3099, 5.1008

Details

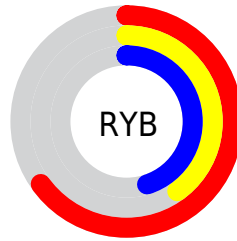
The XYZ color **23.4168, 18.6293, 18.2812** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7537, 32.3394, 35.0762**, and the grayscale version is **18.4765, 19.4388, 21.1688**.

A 20% lighter version of the original color is **48.7056, 41.2236, 41.4663**, and **8.8935, 6.2941, 5.9004** is the 20% darker color. If you saturate the color by 10%, you get **21.2630, 15.4448, 14.1006**, and if you desaturate by 10%, it is **26.0070, 22.5106, 23.1493**.

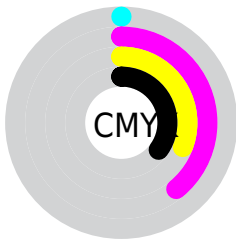
Distribution



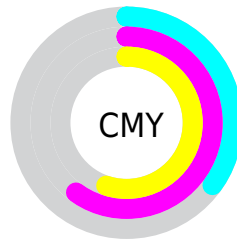
- Red (65%)
- Green (40%)
- Blue (45%)



- Red (65%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (35%)




- Cyan (35%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4168, 18.6293, 18.2812 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 23.4168, 18.6293, 18.2812 by changing the saturation by 10% instead.


 23.4168, 18.6293,
18.2812


 23.4168, 18.6293,
18.2812


262.3541,
244.3946, 254.7404


 15.0240, 11.4027,
10.9805


 48.5384, 41.1068,
41.3363


 8.9226, 6.3384,
5.9397


 65.9980, 57.1264,
57.9278

 4.7475, 3.0519,
2.7403

 87.2104, 76.8459,
78.4533

 2.1331, 1.1589,
0.9636

 112.5412,
100.6496, 103.3315

 0.7071, 0.0277,
0.0000

142.3555,
128.9220, 132.9807

 0.0000, 0.0000,
0.0000

177.0189,

162.0473, 167.8196

216.8967,
200.4100, 208.2666

■ 23.4168, 18.6293,
18.2812

■ 23.4168, 18.6293,
18.2812

■ 21.2630, 15.4448,
14.1006

■ 26.0070, 22.5106,
23.1493

■ 19.5195, 12.9130,
10.5748

■ 29.0545, 27.1239,
28.7330

■ 18.1600, 10.9891,
7.6705

■ 32.5807, 32.5053,
35.0603


■ 17.1543, 9.6215,
5.3506


■ 36.6054, 38.6876,
42.1574


■ 16.4675, 8.7498,
3.5738


■ 41.1469, 45.7018,
50.0491


 16.0344, 8.2548,
2.2856

 46.2228, 53.5771,
58.7591

 16.0031, 8.2179,
2.1957

 51.8499, 62.3417,
68.3102

 58.0441, 72.0219,
78.7242

 64.8209, 82.6434,
90.0221

Harmonies

Analogous

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



23.0178, 18.6293, 26.4544



23.4168, 18.6293, 18.2812



22.1664, 18.6293, 12.3885

Triad

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



23.4168, 18.6293, 18.2812



14.6775, 18.6293, 10.6055



15.8117, 18.6293, 37.6037

Complementary

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



23.4168, 18.6293, 18.2812



24.7537, 32.3394, 35.0762

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.



13.8891, 18.6293, 30.9755



23.4168, 18.6293, 18.2812



13.2825, 18.6293, 15.1566

Square

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



23.4168, 18.6293, 18.2812



16.9927, 18.6293, 8.7600



13.0094, 18.6293, 22.4283



18.4402, 18.6293, 39.0617

Rectangle

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



23.4168, 18.6293, 18.2812



20.6344, 18.6293, 10.0425



13.0094, 18.6293, 22.4283



15.0697, 18.6293, 35.8373

Sweetspot

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



23.4173, 18.6302, 18.2816



57.0722, 55.8446, 59.9602



24.6741, 18.8339, 38.4111



12.5912, 12.2212, 13.0949



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.



23.4173, 18.6302, 18.2816



39.0484, 28.7032, 26.4952



24.8522, 22.6010, 15.3657



7.5902, 7.5659, 8.1591



12.4236, 6.3781, 1.7762



0.3190, 0.1619, 0.1316

Inverse Universe

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



23.4173, 18.6302, 18.2816



39.0484, 28.7032, 26.4952



22.6066, 26.2328, 39.9483



7.5902, 7.5659, 8.1591



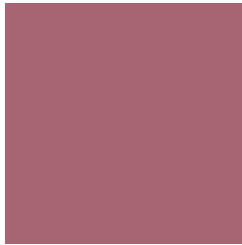
12.4236, 6.3781, 1.7762



0.3190, 0.1619, 0.1316

Previews

White Background



This preview shows how the XYZ color 23.4168, 18.6293, 18.2812 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 23.4168, 18.6293, 18.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

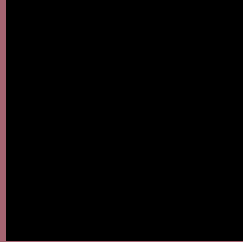
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4168, 18.6293, 18.2812

Background



This preview shows how black text looks on a background with the XYZ color 23.4168, 18.6293, 18.2812.



This preview shows how white text looks on a background with the XYZ color 23.4168, 18.6293,

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

23.4168, 18.6293, 18.2812

Protanopia

18.1201, 18.7138, 21.7259

Deuteranopia

19.1063, 18.7894, 17.6586



Tritanopia

23.2376, 18.7139, 16.8554

Trichromacy



Original Color

23.4168, 18.6293, 18.2812

Protanomaly

19.5009, 18.2628, 20.2666

Deuteranomaly

20.4631, 18.6497, 17.8505

Tritanomaly

23.3465, 18.7574, 17.4290

Monochromacy



Original Color

23.4168, 18.6293, 18.2812

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.8283, 18.7698, 20.0306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4168, 18.6293, 18.2812 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(166, 101, 114)` looks like.

```
.text, #text, p{  
    color:rgb(166, 101, 114)  
}
```

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(166, 101, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 101, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.4168, 18.6293, 18.2812 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(166, 101, 114) }
```


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

```
.border{ border-color:rgb(166, 101, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 101, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 101, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 101, 114);  
box-shadow:4px 4px 4px 4px rgb(166, 101,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4168, 18.6293, 18.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 101, 114) }
```

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

```
.background{ background-color: rgb(166,  
101, 114) }
```

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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