

Converting Colors

XYZ(23.5808, 20.4550, 18.7180)

Have a look what the booklet for
XYZ(23.5808, 20.4550, 18.7180)
contains.

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Color

**XYZ(23.5294, 20.3803,
18.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	A17072
RGB	161, 112, 114
RGB Percent	63%, 44%, 45%
CMY	0.3686, 0.5608, 0.5529
CMYK	0.00, 0.30, 0.29, 0.37
HSL	358°, 21%, 54%
HSV	358°, 30%, 63%
XYZ	23.5294, 20.3803, 18.6132
YIQ	126.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

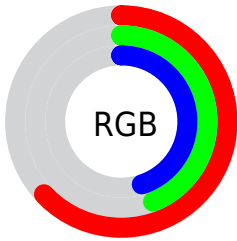
Format	Color
R_{YB}	161, 112, 114
Decimal	10580082
CIE _{Lab}	52.26, 19.71, 6.70
CIE _{LCh}	52, 20.814, 18.774
Yxy	20.3803, 0.3763, 0.3260
Android (android.graphics.Color)	4288770162 (0xFFA17072)
YUV	126.8790, -6.3493, 29.9241
Hunter-Lab	45.1445, 14.0315, 7.1558

Details

The XYZ color **23.5294, 20.3803, 18.6132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6859, 31.4382, 37.5170**, and the grayscale version is **20.1460, 21.1951, 23.0815**.

A 20% lighter version of the original color is **48.7737, 44.0558, 42.0094**, and **9.0011, 7.2483, 6.0789** is the 20% darker color. If you saturate the color by 10%, you get **21.1031, 16.8177, 13.8275**, and if you desaturate by 10%, it is **26.4229, 24.6395, 24.2874**.

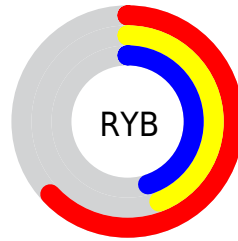
Distribution



Red (63%)

Green (44%)

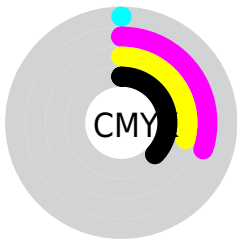
Blue (45%)



Red (63%)

Yellow (44%)

Blue (45%)

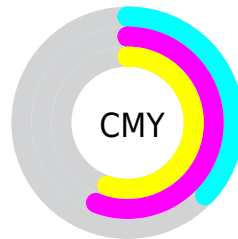


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5294, 20.3803, 18.6132 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 23.5294, 20.3803, 18.6132 by changing the saturation by 10% instead.


 23.5294, 20.3803,
18.6132


 23.5294, 20.3803,
18.6132


262.9174,
253.9665, 256.6562


 15.1077, 12.6718,
11.2171


 48.7214, 44.0539,
41.9074


 8.9818, 7.2029,
6.0971


 66.2225, 60.7877,
58.6427

 4.7864, 3.5893,
2.8345

 87.4808, 81.2988,
79.3281

 2.1559, 1.4466,
1.0107

 112.8616,
105.9715, 104.3822

 0.7194, 0.2507,
0.0000

142.7303,
135.1902, 134.2235

 0.0000, 0.0000,
0.0000

177.4523,

169.3394, 169.2705

217.3929,
208.8034, 209.9419

■ 23.5294, 20.3803,
18.6132

■ 23.5294, 20.3803,
18.6132

■ 21.1031, 16.8177,
13.8275

■ 26.4229, 24.6395,
24.2874

■ 19.1181, 13.9120,
9.8841

■ 29.8045, 29.6264,
30.8906

■ 17.5481, 11.6239,
6.7348


■ 33.6959, 35.3740,
38.4623


■ 16.3638, 9.9087,
4.3255


■ 38.1171, 41.9123,
47.0393


■ 15.5318, 8.7158,
2.5960


■ 43.0868, 49.2695,
56.6565


 15.0131, 7.9857,
1.4761

 48.6230, 57.4727,
67.3472

 14.7340, 7.5915,
0.8771

 54.7427, 66.5476,
79.1431

 61.4624, 76.5187,
92.0746

 68.1871, 86.1887,
105.9676

Harmonies

Analogous

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



23.6892, 20.3803, 24.5623



23.5294, 20.3803, 18.6132



22.2082, 20.3803, 14.4615

Triad

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



23.5294, 20.3803, 18.6132



16.4406, 20.3803, 15.3011



18.5816, 20.3803, 35.8573

Complementary

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



23.5294, 20.3803, 18.6132



25.6859, 31.4382, 37.5170

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.



16.7861, 20.3803, 32.2753



23.5294, 20.3803, 18.6132



15.6120, 20.3803, 19.9768

Square

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



23.5294, 20.3803, 18.6132



18.0777, 20.3803, 12.8063



15.7337, 20.3803, 26.1995



20.7242, 20.3803, 35.3077

Rectangle

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



23.5294, 20.3803, 18.6132



20.8976, 20.3803, 12.9261



15.7337, 20.3803, 26.1995



17.9204, 20.3803, 35.0735

Sweetspot

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



23.5299, 20.3813, 18.6136



54.2064, 54.2824, 56.9384



26.4368, 21.4875, 36.4726



11.6905, 11.6130, 12.1020



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5299, 20.3813, 18.6136



38.9030, 31.7462, 26.9567



26.1552, 25.8117, 18.9340



7.0849, 7.0904, 7.4336



11.7713, 6.0646, 0.7203



0.2506, 0.1288, 0.0325

Inverse Universe

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



23.5299, 20.3813, 18.6136



38.9030, 31.7462, 26.9567



22.3413, 24.4696, 37.2640



7.0849, 7.0904, 7.4336



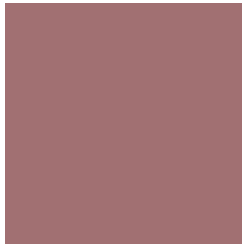
11.7713, 6.0646, 0.7203



0.2506, 0.1288, 0.0325

Previews

White Background



This preview shows how the XYZ color 23.5294, 20.3803, 18.6132 looks on a white background.

Color Contrast Check

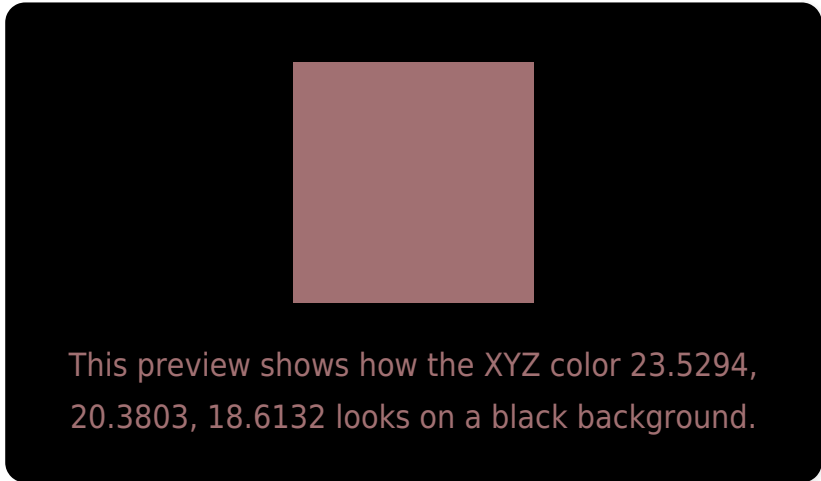
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 23.5294, 20.3803, 18.6132

Background



This preview shows how black text looks on a background with the XYZ color 23.5294, 20.3803, 18.6132.



This preview shows how white text looks on a background with the XYZ color 23.5294, 20.3803,

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

23.5294, 20.3803, 18.6132

Protanopia

19.5609, 20.3850, 20.9929

Deuteranopia

20.7964, 20.3536, 18.1618



Tritanopia

23.9749, 20.4063, 20.4445

Trichromacy



Original Color

23.5294, 20.3803, 18.6132

Protanomaly

20.8017, 20.3164, 19.9646

Deuteranomaly

21.7364, 20.3044, 18.3963

Tritanomaly

23.8547, 20.3583, 19.8118

Monochromacy



Original Color

23.5294, 20.3803, 18.6132

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.1198, 20.8132, 21.3166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5294, 20.3803, 18.6132 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(161, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 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(161, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.5294, 20.3803, 18.6132 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(161, 112, 114) }
```


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

```
.border{ border-color:rgb(161, 112, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5294, 20.3803, 18.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 114) }
```

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

```
.background{ background-color: rgb(161,  
112, 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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