

Converting Colors

XYZ(23.6259, 22.7265, 18.3009)

Have a look what the booklet for
XYZ(23.6259, 22.7265, 18.3009)
contains.

XYZ(23.5293, 22.6850, 18.1774)	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(23.5293, 22.6850,
18.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7D6F
RGB	154, 125, 111
RGB Percent	60%, 49%, 44%
CMY	0.3961, 0.5098, 0.5647
CMYK	0.00, 0.19, 0.28, 0.40
HSL	20°, 18%, 52%
HSV	20°, 28%, 60%
XYZ	23.5293, 22.6850, 18.1774
YIQ	132.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

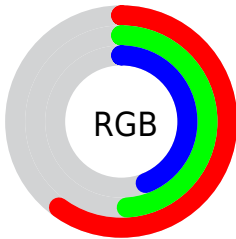
Format	Color
RYB	154, 132, 111
Decimal	10124655
CIELab	54.75, 9.01, 11.85
CIElCh	55, 14.886, 52.760
Yxy	22.6850, 0.3654, 0.3523
Android (android.graphics.Color)	4288314735 (0xFF9A7D6F)
YUV	132.0750, -10.3900, 19.2282
Hunter-Lab	47.6288, 4.8312, 10.7123

Details

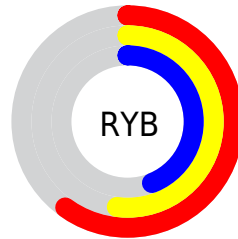
The XYZ color **23.5293, 22.6850, 18.1774** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7660, 24.4679, 34.1475**, and the grayscale version is **21.9905, 23.1357, 25.1948**.

A 20% lighter version of the original color is **48.8257, 48.0404, 41.3497**, and **8.9611, 8.3525, 5.8425** is the 20% darker color. If you saturate the color by 10%, you get **21.5069, 19.8821, 13.6743**, and if you desaturate by 10%, it is **25.8366, 25.8235, 23.4973**.

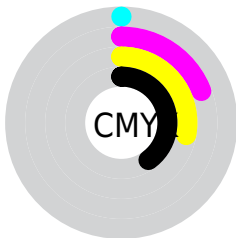
Distribution



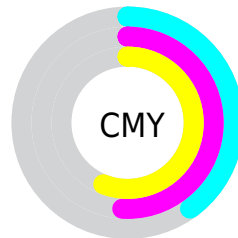
- Red (60%)
- Green (49%)
- Blue (44%)



- Red (60%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5293, 22.6850, 18.1774 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 23.5293, 22.6850, 18.1774 by changing the saturation by 10% instead.

■ 23.5293, 22.6850,
18.1774

■ 23.5293, 22.6850,
18.1774

262.9169,
266.1029, 254.1387

■ 15.1077, 14.3611,
10.9067

■ 48.7213, 47.8756,
41.1574

■ 8.9818, 8.3722,
5.8907

■ 66.2223, 65.5110,
57.7037

■ 4.7863, 4.3340,
2.7110

■ 87.4806, 87.0191,
78.1790

■ 2.1559, 1.8621,
0.9490

■ 112.8613,
112.7842, 103.0018

■ 0.7193, 0.5255,
0.0000

142.7300,
143.1908, 132.5906

■ 0.0000, 0.0000,
0.0000

177.4519,

178.6232, 167.3640

217.3924,
219.4657, 207.7405

■ 23.5293, 22.6850,
18.1774

■ 23.5293, 22.6850,
18.1774

■ 21.5069, 19.8821,
13.6743

■ 25.8366, 25.8235,
23.4973

■ 19.7558, 17.4001,
9.9457

■ 28.4381, 29.3052,
29.6705

■ 18.2642, 15.2281,
6.9475

■ 31.3445, 33.1414,
36.7332

■ 17.0183, 13.3531,
4.6307

■ 34.5659, 37.3422,
44.7190

■ 16.0030, 11.7612,
2.9401

■ 38.1116, 41.9169,
53.6596

■ 15.2013, 10.4371,
1.8117

■ 41.9906, 46.8746,
63.5854

■ 14.5859, 9.3609,
1.1300

■ 46.2115, 52.2242,
74.5252

■ 14.4736, 9.1643,
1.0060

■ 50.7827, 57.9742,
86.5070

■ 55.7121, 64.1328,
99.5574

Harmonies

Analogous

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



24.6063, 22.6850, 21.3640



23.5293, 22.6850, 18.1774



21.9618, 22.6850, 16.7711

Triad

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



23.5293, 22.6850, 18.1774



18.5781, 22.6850, 23.5779



22.8063, 22.6850, 34.0130

Complementary

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



23.5293, 22.6850, 18.1774



21.7660, 24.4679, 34.1475

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.



21.1659, 22.6850, 34.8014



23.5293, 22.6850, 18.1774



18.7787, 22.6850, 28.3666

Square

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



23.5293, 22.6850, 18.1774



19.1440, 22.6850, 19.6217



19.7064, 22.6850, 32.6218



24.1743, 22.6850, 30.5869

Rectangle

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



23.5293, 22.6850, 18.1774



20.8715, 22.6850, 16.8882



19.7064, 22.6850, 32.6218



22.2664, 22.6850, 34.6117

Sweetspot

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



23.5299, 22.6860, 18.1779



51.5407, 53.0766, 53.6123



23.7730, 20.1439, 27.5948



11.5057, 11.8004, 11.7507



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.5299, 22.6860, 18.1779



40.2043, 37.7024, 27.3330



26.4927, 28.6116, 19.1655



6.3649, 6.5349, 6.5317



11.8217, 7.5258, 0.8296



0.2074, 0.1738, 0.0226

Inverse Universe

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



21.7660, 24.4679, 34.1475



36.4108, 41.5194, 61.6313



18.9714, 18.8787, 33.2160



6.2149, 6.6872, 7.8922



8.8062, 10.0090, 26.3755



0.1644, 0.2151, 0.4052

Previews

White Background



This preview shows how the XYZ color 23.5293, 22.6850, 18.1774 looks on a white background.

Color Contrast Check

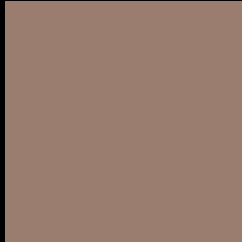
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5293, 22.6850, 18.1774 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

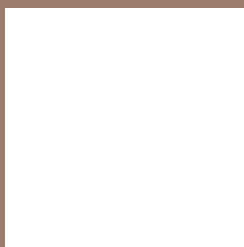
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5293, 22.6850, 18.1774

Background



This preview shows how black text looks on a background with the XYZ color 23.5293, 22.6850, 18.1774.



This preview shows how white text looks on a background with the XYZ color 23.5293, 22.6850,

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

23.5293, 22.6850, 18.1774

Protanopia

21.6348, 22.8508, 19.1900

Deuteranopia

23.0926, 22.6487, 18.1935



Tritanopia

24.7666, 22.6257, 24.5346

Trichromacy



Original Color

23.5293, 22.6850, 18.1774

Protanomaly

22.3325, 22.8221, 18.8508

Deuteranomaly

23.2790, 22.7448, 18.2022

Tritanomaly

24.2386, 22.5897, 22.1515

Monochromacy



Original Color

23.5293, 22.6850, 18.1774

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3036, 22.7312, 22.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5293, 22.6850, 18.1774 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(154, 125, 111)` looks like.

```
.text, #text, p{  
    color:rgb(154, 125, 111)  
}
```

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(154, 125, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 125, 111) }
```

Border

The CSS property to change the border of an element to XYZ 23.5293, 22.6850, 18.1774 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(154, 125, 111) }
```


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

```
.border{ border-color:rgb(154, 125, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 125, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 125, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 125, 111);  
box-shadow:4px 4px 4px 4px rgb(154, 125,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5293, 22.6850, 18.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 125, 111) }
```

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

```
.background{ background-color: rgb(154,  
125, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor