

Converting Colors

XYZ(23.5142, 26.0963, 18.3412)

Have a look what the booklet for
XYZ(23.5142, 26.0963, 18.3412)
contains.

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Color

**XYZ(23.5886, 26.2009,
18.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8E6D
RGB	142, 142, 109
RGB Percent	56%, 56%, 43%
CMY	0.4431, 0.4431, 0.5725
CMYK	0.00, 0.00, 0.23, 0.44
HSL	60°, 13%, 49%
HSV	60°, 23%, 56%
XYZ	23.5886, 26.2009, 18.2820
YIQ	138.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

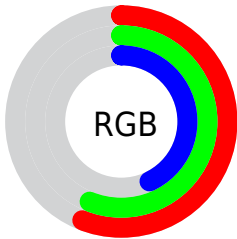
Format	Color
R_{YB}	109, 142, 109
Decimal	9342573
CIE _{Lab}	58.23, -5.73, 17.64
CIE _{LCh}	58, 18.550, 107.999
Yxy	26.2009, 0.3465, 0.3849
Android (android.graphics.Color)	4287532653 (0xFF8E8E6D)
YUV	138.2380, -14.4143, 3.2993
Hunter-Lab	51.1868, -7.3181, 14.6546

Details

The XYZ color **23.5886, 26.2009, 18.2820** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6588, 16.1422, 27.8304**, and the grayscale version is **24.2994, 25.5649, 27.8401**.

A 20% lighter version of the original color is **48.9379, 53.7888, 41.5212**, and **8.9838, 10.2154, 5.9131** is the 20% darker color. If you saturate the color by 10%, you get **22.8851, 25.9204, 14.5760**, and if you desaturate by 10%, it is **24.4170, 26.5332, 22.6396**.

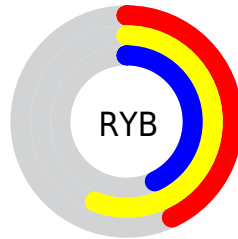
Distribution



Red (56%)

Green (56%)

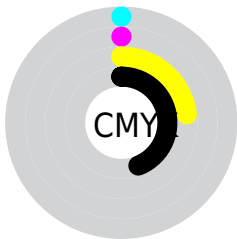
Blue (43%)



Red (43%)

Yellow (56%)

Blue (43%)

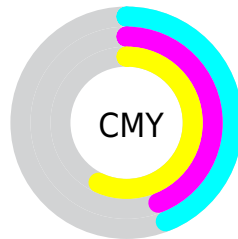


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5886, 26.2009, 18.2820 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 23.5886, 26.2009, 18.2820 by changing the saturation by 10% instead.

■ 23.5886, 26.2009,
18.2820

■ 23.5886, 26.2009,
18.2820

263.2132,
283.7669, 254.7450

■ 15.1518, 16.9740,
10.9811

■ 48.8176, 53.5989,
41.3377

■ 9.0130, 10.2160,
5.9401

■ 66.3405, 72.5387,
57.9295

■ 4.8068, 5.5424,
2.7405

■ 87.6228, 95.4850,
78.4555

■ 2.1680, 2.5689,
0.9637

■ 113.0299,
122.8221, 103.3340

■ 0.7258, 0.9110,
0.0000

142.9272,
154.9345, 132.9837

■ 0.0000, 0.0000,
0.0000

177.6799,

192.2065, 167.8231

217.6534,
235.0225, 208.2707

■ 23.5886, 26.2009,
18.2820

■ 23.5886, 26.2009,
18.2820

■ 22.8851, 25.9204,
14.5760

■ 24.4170, 26.5332,
22.6396

■ 22.2986, 25.6857,
11.4888

■ 25.3737, 26.9159,
27.6763

■ 21.8233, 25.4956,
8.9872

■ 26.4647, 27.3523,
33.4200

■ 21.4521, 25.3471,
7.0343

■ 27.6949, 27.8444,
39.8964

■ 21.1773, 25.2371,
5.5888

■ 29.0688, 28.3940,
47.1302

■ 20.9900, 25.1622,
4.6037

■ 30.5910, 29.0030,
55.1446

■ 20.8795, 25.1179,
4.0234

■ 32.2658, 29.6729,
63.9622

■ 20.8268, 25.0968,
3.7465

■ 34.0971, 30.4055,
73.6043

■ 36.0889, 31.2022,
84.0917

Harmonies

Analogous

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



25.8147, 26.2009, 18.0334



23.5886, 26.2009, 18.2820



21.8210, 26.2009, 21.0066

Triad

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



23.5886, 26.2009, 18.2820



22.1158, 26.2009, 38.7754



29.3848, 26.2009, 31.1863

Complementary

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



23.5886, 26.2009, 18.2820



16.6588, 16.1422, 27.8304

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.



28.2627, 26.2009, 37.6602



23.5886, 26.2009, 18.2820



24.0133, 26.2009, 42.4638

Square

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



23.5886, 26.2009, 18.2820



21.0066, 26.2009, 32.5356



26.2657, 26.2009, 42.0274



29.2540, 26.2009, 24.8643

Rectangle

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



23.5886, 26.2009, 18.2820



21.0992, 26.2009, 24.1288



26.2657, 26.2009, 42.0274



29.1390, 26.2009, 33.4325

Sweetspot

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



23.5893, 26.2021, 18.2826



44.0553, 47.1865, 45.1882



19.3851, 17.7928, 16.8810



9.8216, 10.5319, 9.9967



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.5893, 26.2021, 18.2826



40.9056, 45.9265, 28.6075



20.9649, 24.8492, 18.1597



5.8395, 6.2854, 5.7948



18.6983, 22.5319, 3.3636



0.1788, 0.2154, 0.0322

Inverse Universe

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



16.6588, 16.1422, 27.8304



26.4339, 24.9201, 48.5447



18.8825, 17.2885, 27.9345



5.1297, 5.2550, 6.7727



4.3839, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 23.5886, 26.2009, 18.2820 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 23.5886, 26.2009, 18.2820 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

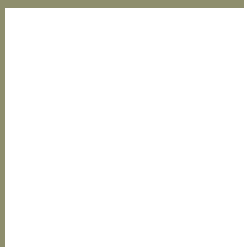
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5886, 26.2009, 18.2820

Background



This preview shows how black text looks on a background with the XYZ color 23.5886, 26.2009, 18.2820.



This preview shows how white text looks on a background with the XYZ color 23.5886, 26.2009,

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

23.5886, 26.2009, 18.2820

Protanopia

24.4793, 26.2284, 17.9598

Deuteranopia

26.4986, 25.9844, 18.6578



Tritanopia

26.3236, 26.2325, 31.6929

Trichromacy



Original Color

23.5886, 26.2009, 18.2820

Protanomaly

24.0857, 26.2435, 17.9834

Deuteranomaly

25.2777, 25.9857, 18.4353

Tritanomaly

25.2127, 26.2062, 26.2837

Monochromacy



Original Color

23.5886, 26.2009, 18.2820

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7108, 25.4865, 23.7484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5886, 26.2009, 18.2820 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(142, 142, 109)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 109)  
}
```

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(142, 142, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 109) }
```

Border

The CSS property to change the border of an element to XYZ 23.5886, 26.2009, 18.2820 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(142, 142, 109) }
```


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

```
.border{ border-color:rgb(142, 142, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 142, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 109);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5886, 26.2009, 18.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 109) }
```

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

```
.background{ background-color: rgb(142,  
142, 109) }
```

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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