

Converting Colors

XYZ(23.9228, 26.3346, 20.0419)

Have a look what the booklet for
XYZ(23.9228, 26.3346, 20.0419)
contains.

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Color

**XYZ(23.9228, 26.3346,
20.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8E73
RGB	142, 142, 115
RGB Percent	56%, 56%, 45%
CMY	0.4431, 0.4431, 0.5490
CMYK	0.00, 0.00, 0.19, 0.44
HSL	60°, 11%, 50%
HSV	60°, 19%, 56%
XYZ	23.9228, 26.3346, 20.0419
YIQ	138.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

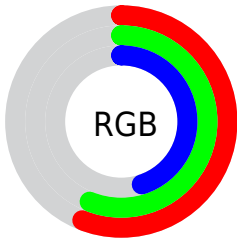
Format	Color
R_YB	115, 142, 115
Decimal	9342579
CIE Lab	58.35, -4.80, 14.43
CIE LCh	58, 15.204, 108.396
Yxy	26.3346, 0.3403, 0.3746
Android (android.graphics.Color)	4287532659 (0xFF8E8E73)
YUV	138.9220, -11.7935, 2.6994
Hunter-Lab	51.3172, -6.5930, 12.7664

Details

The XYZ color **23.9228, 26.3346, 20.0419** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0846, 17.8601, 28.0869**, and the grayscale version is **24.5528, 25.8314, 28.1304**.

A 20% lighter version of the original color is **49.4799, 54.0056, 44.3755**, and **9.2539, 10.3349, 6.8173** is the 20% darker color. If you saturate the color by 10%, you get **23.1678, 26.0334, 16.0647**, and if you desaturate by 10%, it is **24.8051, 26.6885, 24.6833**.

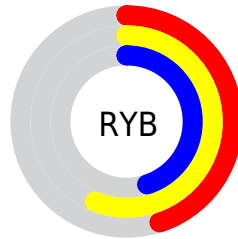
Distribution



Red (56%)

Green (56%)

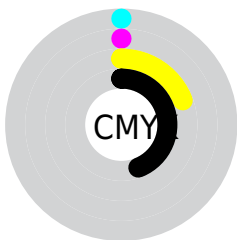
Blue (45%)



Red (45%)

Yellow (56%)

Blue (45%)

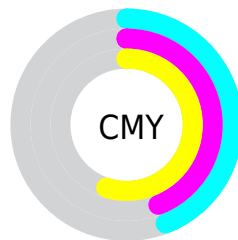


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9228, 26.3346, 20.0419 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 23.9228, 26.3346, 20.0419 by changing the saturation by 10% instead.

■ 23.9228, 26.3346,
20.0419

■ 23.9228, 26.3346,
20.0419

264.8777,
284.4208, 264.7536

■ 15.4008, 17.0741,
12.2411

■ 49.3598, 53.8142,
44.3473

■ 9.1893, 10.2874,
6.7836

■ 67.0055, 72.8022,
61.6890

■ 4.9230, 5.5899,
3.2507

■ 88.4231, 95.8015,
83.0482

■ 2.2364, 2.5974,
1.2240

113.9780,
123.1964, 108.8432

■ 0.7618, 0.9253,
0.0000

144.0356,
155.3714, 139.4927

■ 0.0000, 0.0000,
0.0000

178.9611,

192.7108, 175.4153

219.1200,
235.5992, 217.0294

■ 23.9228, 26.3346,
20.0419

■ 23.9228, 26.3346,
20.0419

■ 23.1678, 26.0334,
16.0647

■ 24.8051, 26.6885,
24.6833

■ 22.5322, 25.7792,
12.7198

■ 25.8180, 27.0937,
30.0154

■ 22.0107, 25.5705,
9.9751

■ 26.9673, 27.5534,
36.0656

■ 21.5963, 25.4047,
7.7950

■ 28.2578, 28.0696,
42.8592

■ 21.2818, 25.2789,
6.1405

■ 29.6939, 28.6441,
50.4200

■ 21.0586, 25.1896,
4.9670

■ 31.2801, 29.2787,
58.7711

■ 20.9170, 25.1329,
4.2233

■ 33.0206, 29.9749,
67.9345

■ 20.8338, 25.0996,
3.7868

■ 34.9193, 30.7344,
77.9314

■ 20.8261, 25.0965,
3.7465

■ 36.9802, 31.5588,
88.7819

Harmonies

Analogous

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



25.7536, 26.3346, 19.7965



23.9228, 26.3346, 20.0419



22.4600, 26.3346, 22.4195

Triad

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



23.9228, 26.3346, 20.0419



22.7388, 26.3346, 36.9989



28.6843, 26.3346, 30.7753

Complementary

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



23.9228, 26.3346, 20.0419



18.0846, 17.8601, 28.0869

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.



27.7895, 26.3346, 35.9951



23.9228, 26.3346, 20.0419



24.3206, 26.3346, 39.8732

Square

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



23.9228, 26.3346, 20.0419



21.8000, 26.3346, 32.0155



26.1714, 26.3346, 39.4847



28.5649, 26.3346, 25.5733

Rectangle

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



23.9228, 26.3346, 20.0419



21.8622, 26.3346, 25.0794



26.1714, 26.3346, 39.4847



28.4905, 26.3346, 32.5965

Sweetspot

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



23.9235, 26.3358, 20.0425



44.2312, 47.2569, 46.1147



20.3815, 19.2507, 18.8616



9.8580, 10.5465, 10.1885



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.



23.9235, 26.3358, 20.0425



41.5630, 46.1895, 32.0695



21.7460, 25.2132, 19.9406



5.8395, 6.2854, 5.7948



18.6977, 22.5316, 3.3636



0.1788, 0.2154, 0.0322

Inverse Universe

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



18.0846, 17.8601, 28.0869



29.2386, 28.2995, 49.0492



19.9915, 18.8431, 28.1761



5.1297, 5.2550, 6.7727



4.3840, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 23.9228, 26.3346, 20.0419 looks on a white background.

Color Contrast Check

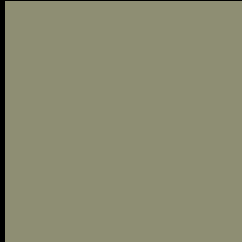
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9228, 26.3346, 20.0419 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 23.9228, 26.3346, 20.0419

Background



This preview shows how black text looks on a background with the XYZ color 23.9228, 26.3346, 20.0419.



This preview shows how white text looks on a background with the XYZ color 23.9228, 26.3346,

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

23.9228, 26.3346, 20.0419

Protanopia

24.8098, 26.3606, 19.7001

Deuteranopia

26.7167, 26.2703, 20.1855



Tritanopia

26.1450, 26.1404, 31.6846

Trichromacy



Original Color

23.9228, 26.3346, 20.0419

Protanomaly

24.4162, 26.3757, 19.7237

Deuteranomaly

25.7584, 26.4065, 20.2623

Tritanomaly

25.3536, 26.2626, 27.0255

Monochromacy



Original Color

23.9228, 26.3346, 20.0419

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2226, 25.9433, 24.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9228, 26.3346, 20.0419 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.9228, 26.3346, 20.0419 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, 115) }
```


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

```
.border{ border-color:rgb(142, 142, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 115);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9228, 26.3346, 20.0419 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, 115) }
```

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

```
.background{ background-color: rgb(142,  
142, 115) }
```

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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