

Converting Colors

XYZ(23.9514, 26.5036, 21.1577)

Have a look what the booklet for
XYZ(23.9514, 26.5036, 21.1577)
contains.

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Color

**XYZ(23.9675, 26.5523,
21.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8F77
RGB	140, 143, 119
RGB Percent	55%, 56%, 47%
CMY	0.4510, 0.4392, 0.5333
CMYK	0.02, 0.00, 0.17, 0.44
HSL	68°, 10%, 51%
HSV	68°, 17%, 56%
XYZ	23.9675, 26.5523, 21.3146
YIQ	139.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

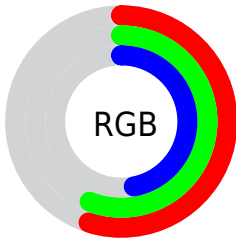
Format	Color
R_YB	119, 143, 122
Decimal	9211767
CIE Lab	58.56, -5.48, 12.42
CIE LCh	59, 13.576, 113.817
Yxy	26.5523, 0.3336, 0.3696
Android (android.graphics.Color)	4287401847 (0xFF8C8F77)
YUV	139.3670, -10.0409, 0.5551
Hunter-Lab	51.5289, -7.1504, 11.5453

Details

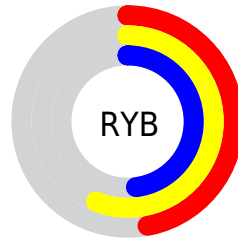
The XYZ color **23.9675, 26.5523, 21.3146** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.5817, 19.3150, 28.6841**, and the grayscale version is **24.7187, 26.0060, 28.3205**.

A 20% lighter version of the original color is **49.5651, 54.3421, 46.4048**, and **9.2681, 10.4573, 7.4912** is the 20% darker color. If you saturate the color by 10%, you get **22.8738, 26.0811, 17.1127**, and if you desaturate by 10%, it is **25.1968, 27.0800, 26.1986**.

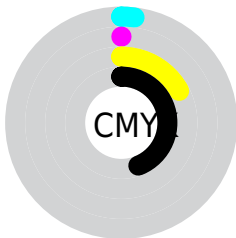
Distribution



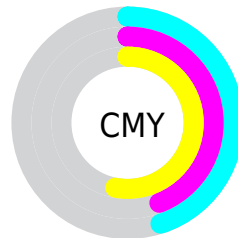
- Red (55%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9675, 26.5523, 21.3146 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 23.9675, 26.5523, 21.3146 by changing the saturation by 10% instead.

■ 23.9675, 26.5523,
21.3146

■ 23.9675, 26.5523,
21.3146

265.0997,
285.4829, 271.7815

■ 15.4341, 17.2373,
13.1607

■ 49.4322, 54.1646,
46.4981

■ 9.2129, 10.4038,
7.4073

■ 67.0943, 73.2307,
64.3648

■ 4.9385, 5.6675,
3.6358

■ 88.5299, 96.3159,
86.3061

■ 2.2456, 2.6440,
1.4277

114.1045,
123.8046, 112.7406

■ 0.7666, 0.9488,
0.1632

144.1835,
156.0813, 144.0869

■ 0.0000, 0.0000,
0.0000

179.1320,

193.5303, 180.7634

219.3157,
236.5360, 223.1888

■ 23.9675, 26.5523,
21.3146

■ 23.9675, 26.5523,
21.3146

■ 22.8738, 26.0811,
17.1127

■ 25.1968, 27.0800,
26.1986

■ 21.9077, 25.6608,
13.5608

■ 26.5650, 27.6630,
31.7914

■ 21.0639, 25.2898,
10.6269

■ 28.0779, 28.3044,
38.1203

■ 20.3354, 24.9655,
8.2757

■ 29.7403, 29.0062,
45.2107

■ 19.7150, 24.6851,
6.4680

■ 31.5569, 29.7702,
53.0869

■ 19.1942, 24.4450,
5.1602

■ 33.5320, 30.5982,
61.7719

■ 18.7634, 24.2415,
4.3017

■ 35.6700, 31.4920,
71.2879

■ 18.4066, 24.0681,
3.8075

■ 37.9748, 32.4531,
81.6563

■ 18.2971, 24.0145,
3.6709

■ 40.4504, 33.4831,
92.8975

Harmonies

Analogous

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



25.5832, 26.5523, 20.7270



23.9675, 26.5523, 21.3146



22.7426, 26.5523, 23.8334

Triad

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



23.9675, 26.5523, 21.3146



23.3956, 26.5523, 36.9524



28.5524, 26.5523, 29.9088

Complementary

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



23.9675, 26.5523, 21.3146



19.5817, 19.3150, 28.6841

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.



27.9077, 26.5523, 34.6628



23.9675, 26.5523, 21.3146



24.8943, 26.5523, 39.0073

Square

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



23.9675, 26.5523, 21.3146



22.4228, 26.5523, 32.7699



26.5509, 26.5523, 38.1266



28.2777, 26.5523, 25.3675

Rectangle

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



23.9675, 26.5523, 21.3146



22.2884, 26.5523, 26.4324



26.5509, 26.5523, 38.1266



28.4351, 26.5523, 31.5398

Sweetspot

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



23.9682, 26.5535, 21.3152



45.5148, 48.6616, 48.5065



21.5933, 21.0422, 20.3766



10.4035, 11.1446, 10.9857



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.9682, 26.5535, 21.3152



42.1807, 47.2318, 35.2938



22.0854, 25.5828, 21.2271



5.7741, 6.2517, 5.7917



16.1891, 21.2384, 3.2462



0.1668, 0.2093, 0.0316

Inverse Universe

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



19.5817, 19.3150, 28.6841



32.8598, 31.8498, 50.9537



21.3552, 20.2293, 28.7671



5.1884, 5.2853, 6.7755



4.6133, 1.8718, 23.0952



0.0539, 0.0229, 0.2213

Previews

White Background



This preview shows how the XYZ color 23.9675, 26.5523, 21.3146 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 23.9675, 26.5523, 21.3146 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 23.9675, 26.5523, 21.3146

Background



This preview shows how black text looks on a background with the XYZ color 23.9675, 26.5523, 21.3146.



This preview shows how white text looks on a background with the XYZ color 23.9675, 26.5523,

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

23.9675, 26.5523, 21.3146

Protanopia

24.8608, 26.3601, 20.9172

Deuteranopia

27.0155, 26.3898, 21.7590



Tritanopia

26.2392, 26.5965, 32.6048

Trichromacy



Original Color

23.9675, 26.5523, 21.3146

Protanomaly

24.4719, 26.3775, 20.9411

Deuteranomaly

25.8051, 26.4030, 21.5055

Tritanomaly

25.3660, 26.4599, 28.1964

Monochromacy



Original Color

23.9675, 26.5523, 21.3146

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1904, 25.9111, 25.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9675, 26.5523, 21.3146 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(140, 143, 119)` looks like.

```
.text, #text, p{  
    color:rgb(140, 143, 119)  
}
```

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(140, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 143, 119) }
```

Border

The CSS property to change the border of an element to XYZ 23.9675, 26.5523, 21.3146 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(140, 143, 119) }
```


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

```
.border{ border-color:rgb(140, 143, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(140, 143,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9675, 26.5523, 21.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 143, 119) }
```

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

```
.background{ background-color: rgb(140,  
143, 119) }
```

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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