

Converting Colors

XYZ(23.9213, 26.4213, 21.8706)

Have a look what the booklet for
XYZ(23.9213, 26.4213, 21.8706)
contains.

| | |
|--|----|
| XYZ(23.9211, 26.5144, 21.9462) | 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(23.9211, 26.5144,
21.9462)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8B8F79 |
| RGB | 139, 143, 121 |
| RGB Percent | 55%, 56%, 47% |
| CMY | 0.4549, 0.4392, 0.5255 |
| CMYK | 0.03, 0.00, 0.15, 0.44 |
| HSL | 71°, 9%, 52% |
| HSV | 71°, 15%, 56% |
| XYZ | 23.9211, 26.5144, 21.9462 |
| YIQ | 139.2960, 4.6780, -7.6900 |

Conversions

Conversions Part 2

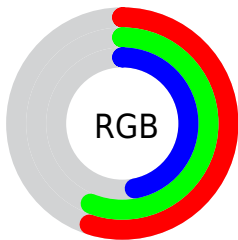
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 121, 143, 125 |
| Decimal | 9146233 |
| CIELab | 58.52, -5.53, 11.22 |
| CIELCh | 59, 12.513, 116.245 |
| Yxy | 26.5144, 0.3305, 0.3663 |
| Android (android.graphics.Color) | 4287336313 (0xFF8B8F79) |
| YUV | 139.2960, -9.0199, -0.2596 |
| Hunter-Lab | 51.4921, -7.1876, 10.7748 |

Details

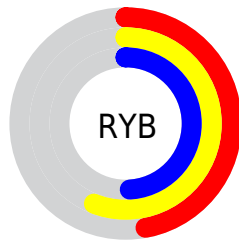
The XYZ color **23.9211, 26.5144, 21.9462** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2539, 20.0187, 28.7846**, and the grayscale version is **24.6877, 25.9734, 28.2851**.

A 20% lighter version of the original color is **49.5014, 54.2871, 47.4046**, and **9.2039, 10.4204, 7.6571** is the 20% darker color. If you saturate the color by 10%, you get **22.6793, 25.9690, 17.6447**, and if you desaturate by 10%, it is **25.3047, 27.1195, 26.9341**.

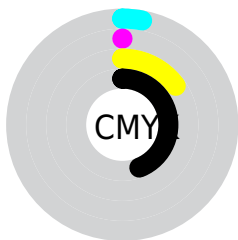
Distribution



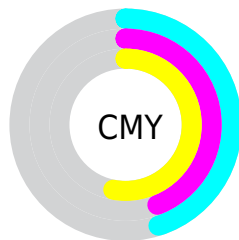
- Red (55%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9211, 26.5144, 21.9462 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 23.9211, 26.5144, 21.9462 by changing the saturation by 10% instead.

■ 23.9211, 26.5144,
21.9462

■ 23.9211, 26.5144,
21.9462

264.8692,
285.2982, 275.2095

■ 15.3995, 17.2089,
13.6194

■ 49.3570, 54.1036,
47.5581

■ 9.1884, 10.3835,
7.7207

■ 67.0021, 73.1561,
65.6803

■ 4.9224, 5.6540,
3.8316

■ 88.4190, 96.2264,
87.9048

■ 2.2361, 2.6358,
1.5334

113.9732,
123.6988, 114.6500

■ 0.7616, 0.9447,
0.2426

144.0299,
155.9578, 146.3346

■ 0.0000, 0.0000,
0.0000

178.9546,

193.3878, 183.3770

219.1126,
236.3731, 226.1958

■ 23.9211, 26.5144,
21.9462

■ 23.9211, 26.5144,
21.9462

■ 22.6793, 25.9690,
17.6447

■ 25.3047, 27.1195,
26.9341

■ 21.5714, 25.4774,
13.9979

■ 26.8334, 27.7830,
32.6348

■ 20.5919, 25.0384,
10.9741

■ 28.5130, 28.5080,
39.0756

■ 19.7342, 24.6492,
8.5383

■ 30.3484, 29.2966,
46.2816

■ 18.9907, 24.3069,
6.6521

■ 32.3442, 30.1506,
54.2769

■ 18.3534, 24.0082,
5.2724

■ 34.5048, 31.0717,
63.0845

■ 17.8126, 23.7493,
4.3498

■ 36.8346, 32.0618,
72.7264

■ 17.3554, 23.5250,
3.8155

■ 39.3375, 33.1223,
83.2238

■ 17.1569, 23.4268,
3.6176

■ 42.0176, 34.2550,
94.5972

Harmonies

Analogous

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



25.3945, 26.5144, 21.2447



23.9211, 26.5144, 21.9462



22.8310, 26.5144, 24.4321

Triad

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



23.9211, 26.5144, 21.9462



23.5999, 26.5144, 36.4654



28.2556, 26.5144, 29.4256

Complementary

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



23.9211, 26.5144, 21.9462



20.2539, 20.0187, 28.7846

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.



27.7299, 26.5144, 33.8144



23.9211, 26.5144, 21.9462



25.0088, 26.5144, 38.1305

Square

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



23.9211, 26.5144, 21.9462



22.6509, 26.5144, 32.7624



26.5261, 26.5144, 37.1147



27.9360, 26.5144, 25.2982

Rectangle

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



23.9211, 26.5144, 21.9462



22.4474, 26.5144, 26.9103



26.5261, 26.5144, 37.1147



28.1714, 26.5144, 30.9220

Sweetspot

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



23.9218, 26.5156, 21.9468



45.3873, 48.5959, 48.5005



22.0713, 21.8039, 21.1349



10.3707, 11.1277, 10.9841



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.



23.9218, 26.5156, 21.9468



42.1456, 47.1789, 36.8677



22.2269, 25.6418, 21.8675



5.7447, 6.2365, 5.7904



15.1851, 20.7208, 3.1992



0.1614, 0.2065, 0.0313

Inverse Universe

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



20.2539, 20.0187, 28.7846



34.4583, 33.5617, 51.1999



21.8955, 20.8650, 28.8614



5.2155, 5.2993, 6.7767



4.7746, 1.9550, 23.1028



0.0593, 0.0257, 0.2215

Previews

White Background



This preview shows how the XYZ color 23.9211, 26.5144, 21.9462 looks on a white background.

Color Contrast Check

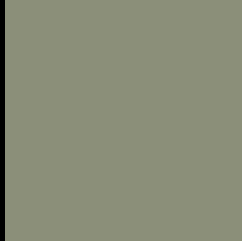
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9211, 26.5144, 21.9462 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 23.9211, 26.5144, 21.9462

Background



This preview shows how black text looks on a background with the XYZ color 23.9211, 26.5144, 21.9462.



This preview shows how white text looks on a background with the XYZ color 23.9211, 26.5144,

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

23.9211, 26.5144, 21.9462

Protanopia

24.9810, 26.4081, 21.5499

Deuteranopia

26.9371, 26.3351, 22.4023



Tritanopia

26.0653, 26.5069, 32.5967

Trichromacy



Original Color

23.9211, 26.5144, 21.9462

Protanomaly

24.5921, 26.4256, 21.5738

Deuteranomaly

25.7382, 26.3544, 22.1427

Tritanomaly

25.1936, 26.3710, 28.1884

Monochromacy



Original Color

23.9211, 26.5144, 21.9462

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 23.9211, 26.5144, 21.9462 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(139, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 121)  
}
```

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(139, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.9211, 26.5144, 21.9462 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(139, 143, 121) }
```


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

```
.border{ border-color:rgb(139, 143, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 121);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9211, 26.5144, 21.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 121) }
```

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

```
.background{ background-color: rgb(139,  
143, 121) }
```

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