

Converting Colors

XYZ(23.0299, 26.1089, 21.6896)

Have a look what the booklet for
XYZ(23.0299, 26.1089, 21.6896)
contains.

XYZ(23.0441, 26.0693, 21.5866)	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(23.0441, 26.0693,
21.5866)**

Conversions

Conversions Part 1

Format	Color
Hex	868F78
RGB	134, 143, 120
RGB Percent	53%, 56%, 47%
CMY	0.4745, 0.4392, 0.5294
CMYK	0.06, 0.00, 0.16, 0.44
HSL	83°, 9%, 52%
HSV	83°, 16%, 56%
XYZ	23.0441, 26.0693, 21.5866
YIQ	137.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

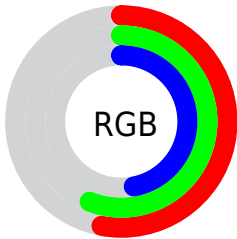
Format	Color
R_{YB}	120, 143, 129
Decimal	8818552
CIE _{Lab}	58.10, -7.63, 11.14
CIE _{LCh}	58, 13.507, 124.405
Yxy	26.0693, 0.3259, 0.3687
Android (android.graphics.Color)	4287008632 (0xFF868F78)
YUV	137.6870, -8.7197, -3.2335
Hunter-Lab	51.0581, -8.7891, 10.6738

Details

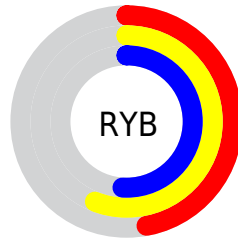
The XYZ color **23.0441, 26.0693, 21.5866** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7287, 20.0839, 28.7721**, and the grayscale version is **24.0704, 25.3240, 27.5778**.

A 20% lighter version of the original color is **47.9062, 53.4759, 46.8267**, and **8.7078, 10.1685, 7.4650** is the 20% darker color. If you saturate the color by 10%, you get **21.3718, 25.3009, 17.3114**, and if you desaturate by 10%, it is **24.8946, 26.9162, 26.5479**.

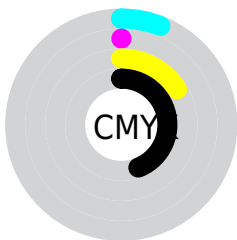
Distribution



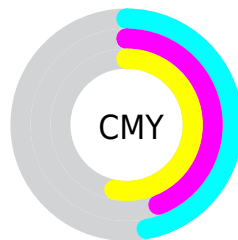
- Red (53%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0441, 26.0693, 21.5866 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 23.0441, 26.0693, 21.5866 by changing the saturation by 10% instead.

■ 23.0441, 26.0693,
21.5866

■ 23.0441, 26.0693,
21.5866

260.4825,
283.1221, 273.2624

■ 14.7469, 16.8755,
13.3581

■ 47.9319, 53.3867,
46.9552

■ 8.7271, 10.1458,
7.5419

■ 65.2532, 72.2791,
64.9323

■ 4.6193, 5.4957,
3.7197

■ 86.3132, 95.1732,
86.9960

■ 2.0581, 2.5409,
1.4729

111.4774,
122.4533, 113.5648

■ 0.6663, 0.8971,
0.1976

141.1111,
154.5038, 145.0574

■ 0.0000, 0.0000,
0.0000

175.5796,

191.7092, 181.8921

215.2483,
234.4539, 224.4876

■ 23.0441, 26.0693,
21.5866

■ 23.0441, 26.0693,
21.5866

■ 21.3718, 25.3009,
17.3114

■ 24.8946, 26.9162,
26.5479

■ 19.8693, 24.6049,
13.6903

■ 26.9275, 27.8407,
32.2219

■ 18.5303, 23.9796,
10.6916

■ 29.1490, 28.8462,
38.6360

■ 17.3474, 23.4220,
8.2799

■ 31.5647, 29.9352,
45.8153

■ 16.3124, 22.9286,
6.4165

■ 34.1799, 31.1097,
53.7842

■ 15.4164, 22.4958,
5.0581

■ 36.9995, 32.3718,
62.5656

■ 14.6490, 22.1194,
4.1545

■ 40.0285, 33.7236,
72.1817

■ 13.9949, 21.7931,
3.6297

■ 43.2714, 35.1670,
82.6538

■ 13.7565, 21.6738,
3.4584

■ 46.7328, 36.7038,
94.0024

Harmonies

Analogous

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



24.5375, 26.0693, 20.3222



23.0441, 26.0693, 21.5866



22.0500, 26.0693, 24.6709

Triad

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



23.0441, 26.0693, 21.5866



23.4448, 26.0693, 37.3025



28.0461, 26.0693, 27.6992

Complementary

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



23.0441, 26.0693, 21.5866



20.7287, 20.0839, 28.7721

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.



27.7224, 26.0693, 32.4544



23.0441, 26.0693, 21.5866



25.0203, 26.0693, 38.3400

Square

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



23.0441, 26.0693, 21.5866



22.2741, 26.0693, 33.7815



26.5969, 26.0693, 36.4792



27.4631, 26.0693, 23.5962

Rectangle

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



23.0441, 26.0693, 21.5866



21.7796, 26.0693, 27.5163



26.5969, 26.0693, 36.4792



28.0399, 26.0693, 29.2718

Sweetspot

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



23.0448, 26.0704, 21.5872



44.9220, 48.3560, 48.4787



22.5449, 22.8488, 20.9917



10.2511, 11.0661, 10.9785



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.



23.0448, 26.0704, 21.5872



40.2394, 46.2137, 35.9845



21.3366, 25.1898, 21.5072



5.6379, 6.1815, 5.7854



12.1866, 19.1750, 3.0588



0.1413, 0.1961, 0.0304

Inverse Universe

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



20.7287, 20.0839, 28.7721



35.3495, 33.5737, 51.1553



22.5440, 21.0198, 28.8570



5.3168, 5.3515, 6.7815



5.8466, 2.5076, 23.1529



0.0794, 0.0361, 0.2225

Previews

White Background



This preview shows how the XYZ color 23.0441, 26.0693, 21.5866 looks on a white background.

Color Contrast Check

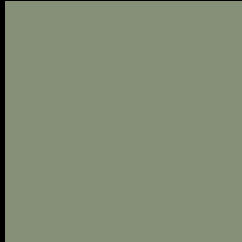
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0441, 26.0693, 21.5866 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

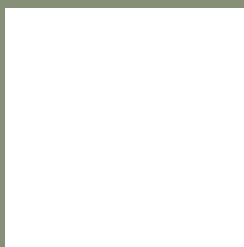
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0441, 26.0693, 21.5866

Background



This preview shows how black text looks on a background with the XYZ color 23.0441, 26.0693, 21.5866.



This preview shows how white text looks on a background with the XYZ color 23.0441, 26.0693,

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

23.0441, 26.0693, 21.5866

Protanopia

24.5353, 25.9763, 20.8603

Deuteranopia

26.3360, 25.8263, 22.0093



Tritanopia

25.2189, 26.0705, 32.5571

Trichromacy



Original Color

23.0441, 26.0693, 21.5866

Protanomaly

23.8632, 25.8389, 21.1824

Deuteranomaly

24.9745, 25.7558, 21.7442

Tritanomaly

24.3548, 25.9386, 28.1491

Monochromacy



Original Color

23.0441, 26.0693, 21.5866

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7913, 25.7132, 25.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0441, 26.0693, 21.5866 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(134, 143, 120)` looks like.

```
.text, #text, p{  
    color:rgb(134, 143, 120)  
}
```

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(134, 143, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 143, 120) }
```

Border

The CSS property to change the border of an element to XYZ 23.0441, 26.0693, 21.5866 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(134, 143, 120) }
```


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

```
.border{ border-color:rgb(134, 143, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 143, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 143, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 143, 120);  
box-shadow:4px 4px 4px 4px rgb(134, 143,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0441, 26.0693, 21.5866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 143, 120) }
```

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

```
.background{ background-color: rgb(134,  
143, 120) }
```

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