

Converting Colors

XYZ(24.1121, 26.3715, 23.4637)

Have a look what the booklet for
XYZ(24.1121, 26.3715, 23.4637)
contains.

XYZ(24.0864, 26.3413, 23.5536)	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(24.0864, 26.3413,
23.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8E7E
RGB	139, 142, 126
RGB Percent	55%, 56%, 49%
CMY	0.4549, 0.4431, 0.5059
CMYK	0.02, 0.00, 0.11, 0.44
HSL	71°, 7%, 53%
HSV	71°, 11%, 56%
XYZ	24.0864, 26.3413, 23.5536
YIQ	139.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

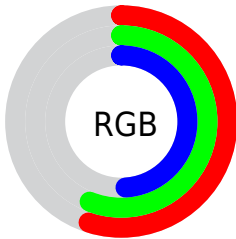
Format	Color
R_{YB}	126, 142, 129
Decimal	9145982
CIE Lab	58.36, -4.11, 8.15
CIE LCh	58, 9.124, 116.755
Yxy	26.3413, 0.3256, 0.3561
Android (android.graphics.Color)	4287336062 (0xFF8B8E7E)
YUV	139.2790, -6.5465, -0.2447
Hunter-Lab	51.3238, -6.0460, 8.7172

Details

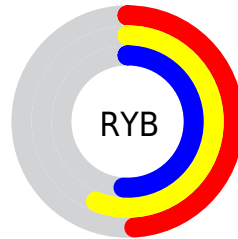
The XYZ color **24.0864, 26.3413, 23.5536** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3976, 21.5425, 28.6229**, and the grayscale version is **24.6723, 25.9572, 28.2674**.

A 20% lighter version of the original color is **49.8689, 54.0720, 50.4564**, and **9.2865, 10.3140, 8.5225** is the 20% darker color. If you saturate the color by 10%, you get **22.7952, 25.7749, 19.0448**, and if you desaturate by 10%, it is **25.5200, 26.9676, 28.7492**.

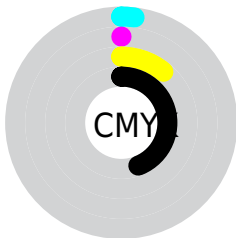
Distribution



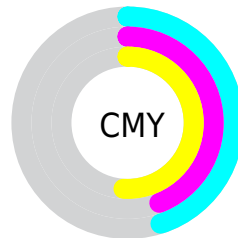
- Red (55%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (56%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0864, 26.3413, 23.5536 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 24.0864, 26.3413, 23.5536 by changing the saturation by 10% instead.

■ 24.0864, 26.3413,
23.5536

■ 24.0864, 26.3413,
23.5536

265.6894,
284.4535, 283.7693

■ 15.5228, 17.0791,
14.7937

■ 49.6248, 53.8250,
50.2354

■ 9.2758, 10.2909,
8.5297

■ 67.3303, 72.8154,
68.9944

■ 4.9801, 5.5923,
4.3431

■ 88.8139, 95.8173,
91.9235

■ 2.2702, 2.5988,
1.8154

114.4408,
123.2151, 119.4412

■ 0.7794, 0.9261,
0.4381

144.5765,
155.3933, 151.9661

■ 0.0000, 0.0000,
0.0000

179.5862,

192.7361, 189.9167

219.8354,
235.6280, 233.7116

■ 24.0864, 26.3413,
23.5536

■ 24.0864, 26.3413,
23.5536

■ 22.7952, 25.7749,
19.0448

■ 25.5200, 26.9676,
28.7492

■ 21.6387, 25.2628,
15.1924

■ 27.0990, 27.6525,
34.6569

■ 20.6117, 24.8037,
11.9661

■ 28.8291, 28.3991,
41.3028

■ 19.7078, 24.3951,
9.3328

■ 30.7150, 29.2093,
48.7112

■ 18.9201, 24.0341,
7.2562

■ 32.7612, 30.0849,
56.9054

■ 18.2409, 23.7178,
5.6961

■ 34.9719, 31.0276,
65.9074

■ 17.6613, 23.4425,
4.6068

■ 37.3512, 32.0390,
75.7387

■ 17.1711, 23.2042,
3.9346

■ 39.9032, 33.1208,
86.4198

■ 16.7913, 23.0164,
3.5576

■ 42.6316, 34.2746,
97.9704

Harmonies

Analogous

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



25.1578, 26.3413, 22.9919



24.0864, 26.3413, 23.5536



23.2907, 26.3413, 25.4536

Triad

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



24.0864, 26.3413, 23.5536



23.8827, 26.3413, 34.1131



27.2325, 26.3413, 29.0292

Complementary

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



24.0864, 26.3413, 23.5536



21.3976, 21.5425, 28.6229

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.



26.8676, 26.3413, 32.1708



24.0864, 26.3413, 23.5536



24.9158, 26.3413, 35.2393

Square

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



24.0864, 26.3413, 23.5536



23.1756, 26.3413, 31.5270



26.0115, 26.3413, 34.5037



26.9947, 26.3413, 26.0120

Rectangle

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



24.0864, 26.3413, 23.5536



23.0126, 26.3413, 27.3010



26.0115, 26.3413, 34.5037



27.1760, 26.3413, 30.1071

Sweetspot

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



24.0871, 26.3424, 23.5542



44.5281, 47.3473, 48.9600



22.7636, 22.9409, 22.9674



9.9019, 10.5562, 10.7760



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.



24.0871, 26.3424, 23.5542



41.7591, 46.1373, 39.0053



22.8102, 25.6842, 23.4944



5.7417, 6.2350, 5.7902



15.0896, 20.6716, 3.1947



0.1608, 0.2062, 0.0313

Inverse Universe

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



21.3976, 21.5425, 28.6229



35.8657, 35.6190, 50.1127



22.6498, 22.1881, 28.6815



5.2182, 5.3007, 6.7769



4.7935, 1.9647, 23.1037



0.0599, 0.0260, 0.2215

Previews

White Background



This preview shows how the XYZ color 24.0864, 26.3413, 23.5536 looks on a white background.

Color Contrast Check

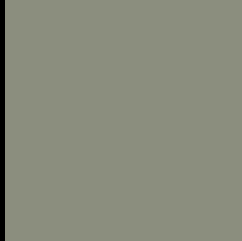
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0864, 26.3413, 23.5536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

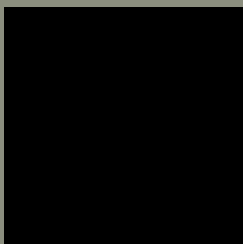
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

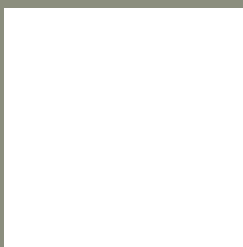
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0864, 26.3413, 23.5536

Background



This preview shows how black text looks on a background with the XYZ color 24.0864, 26.3413, 23.5536.



This preview shows how white text looks on a background with the XYZ color 24.0864, 26.3413,

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

24.0864, 26.3413, 23.5536

Protanopia

24.9338, 26.3478, 23.1735

Deuteranopia

26.5953, 26.1294, 23.7204



Tritanopia

25.8930, 26.4180, 32.5886

Trichromacy



Original Color

24.0864, 26.3413, 23.5536

Protanomaly

24.5542, 26.3701, 23.1978

Deuteranomaly

25.6817, 26.2886, 23.7993

Tritanomaly

25.1703, 26.3420, 28.9572

Monochromacy



Original Color

24.0864, 26.3413, 23.5536

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3286, 25.9664, 26.2840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0864, 26.3413, 23.5536 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, 142, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 126)  
}
```

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, 142, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.0864, 26.3413, 23.5536 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, 142, 126) }
```


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

```
.border{ border-color:rgb(139, 142, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 142, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0864, 26.3413, 23.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 126) }
```

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

```
.background{ background-color: rgb(139,  
142, 126) }
```

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