

Converting Colors

XYZ(26.1938, 33.8657, 23.7827)

Have a look what the booklet for
XYZ(26.1938, 33.8657, 23.7827)
contains.

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Color

**XYZ(26.1820, 33.8709,
23.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA87B
RGB	126, 168, 123
RGB Percent	49%, 66%, 48%
CMY	0.5059, 0.3412, 0.5176
CMYK	0.25, 0.00, 0.27, 0.34
HSL	116°, 21%, 57%
HSV	116°, 27%, 66%
XYZ	26.1820, 33.8709, 23.8967
YIQ	150.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

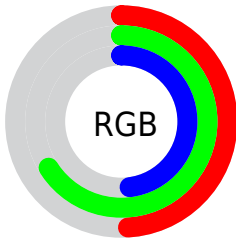
Format	Color
RYB	123, 168, 165
Decimal	8300667
CIELab	64.86, -23.20, 18.77
CIELCh	65, 29.848, 141.024
Yxy	33.8709, 0.3119, 0.4035
Android (android.graphics.Color)	4286490747 (0xFF7EA87B)
YUV	150.3120, -13.4648, -21.3216
Hunter-Lab	58.1987, -21.5455, 16.3943

Details

The XYZ color **26.1820, 33.8709, 23.8967** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.6692, 24.9933, 40.3079**, and the grayscale version is **29.1814, 30.7011, 33.4335**.

A 20% lighter version of the original color is **53.0465, 65.6132, 50.9431**, and **10.4619, 14.5217, 8.7301** is the 20% darker color. If you saturate the color by 10%, you get **23.0857, 32.3869, 18.7252**, and if you desaturate by 10%, it is **29.8231, 35.6168, 30.0373**.

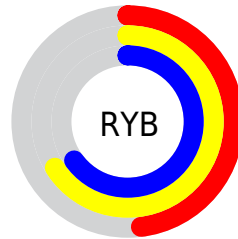
Distribution



Red (49%)

Green (66%)

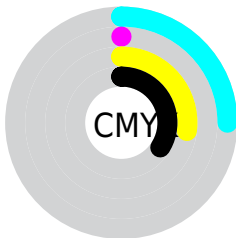
Blue (48%)



Red (48%)

Yellow (66%)

Blue (65%)

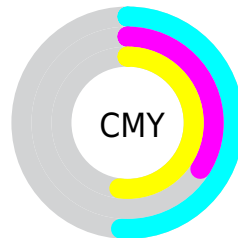


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (51%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1820, 33.8709, 23.8967 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 26.1820, 33.8709, 23.8967 by changing the saturation by 10% instead.

■ 26.1820, 33.8709,
23.8967

■ 26.1820, 33.8709,
23.8967

275.9147,
319.5560, 285.5675

■ 17.0932, 22.7944,
15.0455

■ 52.9976, 65.7329,
50.8033

■ 10.3967, 14.4418,
8.7044

■ 71.4552, 87.2871,
69.6958

■ 5.7270, 8.4286,
4.4547

■ 93.7664, 113.1028,
92.7725

■ 2.7189, 4.3704,
1.8780

120.2966,
143.5643, 120.4519

■ 1.0069, 1.8828,
0.4786

151.4112,
179.0560, 153.1525

■ 0.0000, 0.5380,
0.0000

187.4755,

■ 0.0000, 0.0000,

219.9622, 191.2930

0.0000

228.8549,
266.6674, 235.2918

■ 26.1820, 33.8709,
23.8967

■ 26.1820, 33.8709,
23.8967

■ 23.0857, 32.3869,
18.7252

■ 29.8231, 35.6168,
30.0373

■ 20.5054, 31.1482,
14.4712

■ 34.0306, 37.6319,
37.1906

■ 18.4138, 30.1428,
11.0818


■ 38.8281, 39.9284,
45.4002


■ 16.7800, 29.3561,
8.4977


■ 44.2374, 42.5166,
54.7065


■ 15.5696, 28.7717,
6.6523


■ 50.2788, 45.4062,
65.1479


 14.7431, 28.3710,
5.4683


 56.9719, 48.6065,
76.7607

 14.2506, 28.1306,
4.8337

 64.3353, 52.1264,
89.5798

 14.1439, 28.0790,
4.6743

 71.9975, 55.8185,
101.5871

 73.2933, 56.4865,
101.6478

Harmonies

Analogous

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



29.3163, 33.8709, 18.8935



26.1820, 33.8709, 23.8967



24.6952, 33.8709, 33.3058

Triad

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



26.1820, 33.8709, 23.8967



30.9199, 33.8709, 65.5735



40.5472, 33.8709, 29.0178

Complementary

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



26.1820, 33.8709, 23.8967



29.6692, 24.9933, 40.3079

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.



41.0734, 33.8709, 40.7004



26.1820, 33.8709, 23.8967



35.2526, 33.8709, 63.7031

Square

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



26.1820, 33.8709, 23.8967



27.2661, 33.8709, 58.5292



39.0607, 33.8709, 53.8755



37.6810, 33.8709, 21.3599

Rectangle

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



26.1820, 33.8709, 23.8967



24.7383, 33.8709, 41.5969



39.0607, 33.8709, 53.8755



41.0131, 33.8709, 32.5332

Sweetspot

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



26.1829, 33.8723, 23.8974



60.6499, 67.7585, 65.6079



33.1802, 36.6668, 24.0680



12.9665, 14.6475, 13.8694



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1829, 33.8723, 23.8974



44.1333, 59.8442, 37.7107



27.0922, 34.1857, 30.9600



7.4813, 8.4307, 8.0223



10.6976, 21.2121, 3.5305



0.2743, 0.5233, 0.0866

Inverse Universe

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



29.6692, 24.9933, 40.3079



51.5063, 41.0544, 72.4347



28.6175, 24.6456, 31.4748



7.7918, 7.6408, 9.4825



15.8255, 7.5418, 28.5971



0.3992, 0.1908, 0.6964

Previews

White Background



This preview shows how the XYZ color 26.1820, 33.8709, 23.8967 looks on a white background.

Color Contrast Check

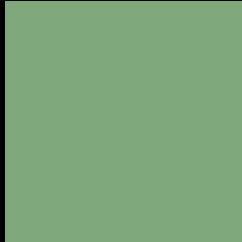
Large Text (above 18pt) WCAG AA × Fail

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 26.1820, 33.8709, 23.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

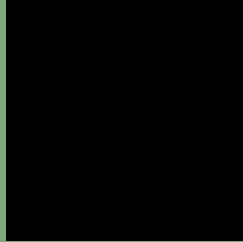
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1820, 33.8709, 23.8967

Background



This preview shows how black text looks on a background with the XYZ color 26.1820, 33.8709, 23.8967.



This preview shows how white text looks on a background with the XYZ color 26.1820, 33.8709,

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

26.1820, 33.8709, 23.8967

Protanopia

31.4754, 33.7468, 21.9944

Deuteranopia

34.1888, 33.6106, 24.7642



Tritanopia

30.3765, 33.6966, 44.9475

Trichromacy



Original Color

26.1820, 33.8709, 23.8967

Protanomaly

29.2719, 33.6181, 22.7154

Deuteranomaly

30.7232, 33.3017, 24.5472

Tritanomaly

28.7076, 33.8230, 36.0258

Monochromacy



Original Color

26.1820, 33.8709, 23.8967

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7751, 31.6701, 29.4600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1820, 33.8709, 23.8967 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(126, 168, 123)` looks like.

```
.text, #text, p{  
    color:rgb(126, 168, 123)  
}
```

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(126, 168, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.1820, 33.8709, 23.8967 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(126, 168, 123) }
```


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

```
.border{ border-color:rgb(126, 168, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 168, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 168, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 168, 123);  
box-shadow:4px 4px 4px 4px rgb(126, 168,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1820, 33.8709, 23.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 123) }
```

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

```
.background{ background-color: rgb(126,  
168, 123) }
```

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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