

Converting Colors

XYZ(23.0791, 25.7614, 24.7851)

Have a look what the booklet for
XYZ(23.0791, 25.7614, 24.7851)
contains.

XYZ(23.0623, 25.7830, 24.8802)	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(23.0623, 25.7830,
24.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	838E82
RGB	131, 142, 130
RGB Percent	51%, 56%, 51%
CMY	0.4863, 0.4431, 0.4902
CMYK	0.08, 0.00, 0.08, 0.44
HSL	115°, 5%, 53%
HSV	115°, 8%, 56%
XYZ	23.0623, 25.7830, 24.8802
YIQ	137.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

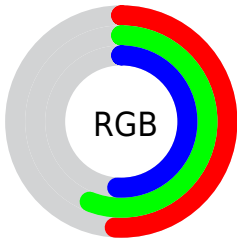
Format	Color
R_{YB}	130, 142, 141
Decimal	8621698
CIE _{Lab}	57.83, -6.38, 5.02
CIE _{LCh}	58, 8.116, 141.776
Yxy	25.7830, 0.3128, 0.3497
Android (android.graphics.Color)	4286811778 (0xFF838E82)
YUV	137.3430, -3.6201, -5.5628
Hunter-Lab	50.7770, -7.7871, 6.4924

Details

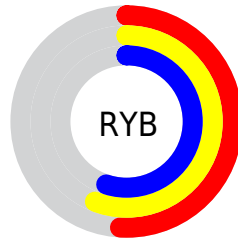
The XYZ color **23.0623, 25.7830, 24.8802** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8507, 23.5817, 28.8872**, and the grayscale version is **23.9223, 25.1681, 27.4080**.

A 20% lighter version of the original color is **48.0543, 53.0891, 52.5142**, and **8.7920, 10.0422, 9.2595** is the 20% darker color. If you saturate the color by 10%, you get **20.2832, 24.4537, 20.1133**, and if you desaturate by 10%, it is **26.2278, 27.2978, 30.3530**.

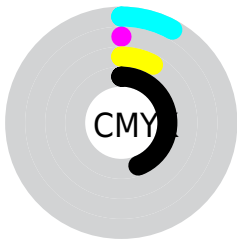
Distribution



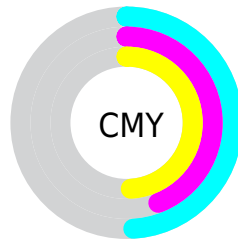
- Red (51%)
- Green (56%)
- Blue (51%)



- Red (51%)
- Yellow (56%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0623, 25.7830, 24.8802 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 23.0623, 25.7830, 24.8802 by changing the saturation by 10% instead.

■ 23.0623, 25.7830,
24.8802

■ 23.0623, 25.7830,
24.8802

260.5742,
281.7152, 290.6694

■ 14.7605, 16.6614,
15.7696

■ 47.9615, 52.9247,
52.4245

■ 8.7367, 9.9934,
9.2087

■ 65.2896, 71.7135,
71.6953

■ 4.6255, 5.3946,
4.7789

■ 86.3571, 94.4935,
95.1900

■ 2.0618, 2.4806,
2.0617

111.5295,
121.6491, 123.3269

■ 0.6683, 0.8669,
0.5928

141.1720,
153.5647, 156.5248

■ 0.0000, 0.0000,
0.0000

175.6501,

190.6246, 195.2022

215.3290,
233.2133, 239.7775

■ 23.0623, 25.7830,
24.8802

■ 23.0623, 25.7830,
24.8802

■ 20.2832, 24.4537,
20.1133

■ 26.2278, 27.2978,
30.3530

■ 17.8736, 23.2996,
16.0220

■ 29.7914, 29.0013,
36.5570

■ 15.8185, 22.3143,
12.5761

■ 33.7672, 30.9009,
43.5184

■ 14.1013, 21.4899,
9.7429

■ 38.1676, 33.0026,
51.2614

■ 12.7037, 20.8180,
7.4863

■ 43.0048, 35.3120,
59.8094

■ 11.6059, 20.2889,
5.7668

■ 48.2904, 37.8348,
69.1846

■ 10.7858, 19.8925,
4.5399

■ 54.0355, 40.5762,
79.4085

■ 10.2183, 19.6167,
3.7538

■ 60.2509, 43.5413,
90.5017

■ 9.8642, 19.4439,
3.2963

■ 66.4922, 46.5530,
100.0888

Harmonies

Analogous

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



23.8169, 25.7830, 23.3761



23.0623, 25.7830, 24.8802



22.6967, 25.7830, 27.3122

Triad

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



23.0623, 25.7830, 24.8802



24.2388, 25.7830, 33.7303



26.2887, 25.7830, 26.1279

Complementary

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



23.0623, 25.7830, 24.8802



23.8507, 23.5817, 28.8872

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.



26.4089, 25.7830, 28.8484



23.0623, 25.7830, 24.8802



25.2082, 25.7830, 33.3610

Square

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



23.0623, 25.7830, 24.8802



23.3641, 25.7830, 32.5066



26.0087, 25.7830, 31.5285



25.6845, 25.7830, 24.0626

Rectangle

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



23.0623, 25.7830, 24.8802



22.7159, 25.7830, 29.1836



26.0087, 25.7830, 31.5285



26.3877, 25.7830, 26.9916

Sweetspot

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



23.0630, 25.7841, 24.8808



43.5893, 46.8633, 48.9160



24.7106, 26.4135, 24.9154



9.6423, 10.4223, 10.7638



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.



23.0630, 25.7841, 24.8808



39.7585, 45.0307, 42.3083



23.2529, 25.8423, 26.6849



5.3820, 6.0495, 5.7734



8.8263, 17.4427, 2.9016



0.0910, 0.1702, 0.0281

Inverse Universe

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



23.8507, 23.5817, 28.8872



41.4165, 40.3946, 50.7419



23.6542, 23.5229, 26.9615



5.5826, 5.4885, 6.7939



12.6809, 6.0308, 23.4728



0.1297, 0.0620, 0.2248

Previews

White Background



This preview shows how the XYZ color 23.0623, 25.7830, 24.8802 looks on a white background.

Color Contrast Check

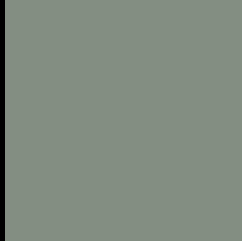
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0623, 25.7830, 24.8802 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

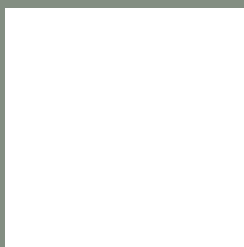
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0623, 25.7830, 24.8802

Background



This preview shows how black text looks on a background with the XYZ color 23.0623, 25.7830, 24.8802.



This preview shows how white text looks on a background with the XYZ color 23.0623, 25.7830,

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

23.0623, 25.7830, 24.8802

Protanopia

24.4864, 25.6648, 24.0853

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

24.5692, 25.7356, 32.5267

Trichromacy



Original Color

23.0623, 25.7830, 24.8802

Protanomaly

23.8425, 25.5392, 24.4418

Deuteranomaly

24.8965, 25.6410, 25.1098

Tritanomaly

24.0089, 25.7259, 29.6868

Monochromacy



Original Color

23.0623, 25.7830, 24.8802

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5274, 25.3374, 26.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0623, 25.7830, 24.8802 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(131, 142, 130)` looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 130)  
}
```

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(131, 142, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.0623, 25.7830, 24.8802 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(131, 142, 130) }
```


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

```
.border{ border-color:rgb(131, 142, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 142, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 130);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0623, 25.7830, 24.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 130) }
```

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

```
.background{ background-color: rgb(131,  
142, 130) }
```

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