

Converting Colors

XYZ(23.1609, 25.1723, 25.1108)

Have a look what the booklet for
XYZ(23.1609, 25.1723, 25.1108)
contains.

XYZ(23.1609, 25.1723, 25.1108)	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(23.1609, 25.1723,
25.1108)**

Conversions

Conversions Part 1

Format	Color
Hex	868B83
RGB	134, 139, 131
RGB Percent	53%, 55%, 51%
CMY	0.4745, 0.4549, 0.4863
CMYK	0.04, 0.00, 0.06, 0.45
HSL	98°, 3%, 53%
HSV	98°, 6%, 55%
XYZ	23.1609, 25.1723, 25.1108
YIQ	136.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

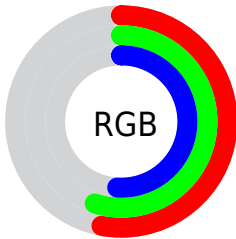
Format	Color
R_{YB}	131, 139, 136
Decimal	8817539
CIE Lab	57.24, -3.40, 3.63
CIE LCh	57, 4.975, 133.106
Yxy	25.1723, 0.3154, 0.3427
Android (android.graphics.Color)	4287007619 (0xFF868B83)
YUV	136.5930, -2.7573, -2.2741
Hunter-Lab	50.1720, -5.4001, 5.4461

Details

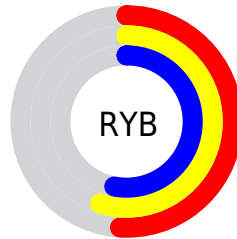
The XYZ color **23.1609, 25.1723, 25.1108** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9309, 23.3317, 27.7223**, and the grayscale version is **23.6351, 24.8660, 27.0791**.

A 20% lighter version of the original color is **47.9949, 51.7248, 52.8017**, and **8.7515, 9.6388, 9.3819** is the 20% darker color. If you saturate the color by 10%, you get **20.9529, 24.1364, 20.4152**, and if you desaturate by 10%, it is **25.6106, 26.3196, 30.4786**.

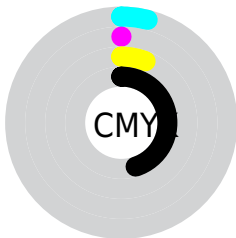
Distribution



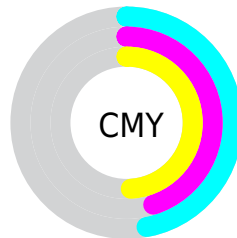
- Red (53%)
- Green (55%)
- Blue (51%)



- Red (51%)
- Yellow (55%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1609, 25.1723, 25.1108 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 23.1609, 25.1723, 25.1108 by changing the saturation by 10% instead.

■ 23.1609, 25.1723,
25.1108

■ 23.1609, 25.1723,
25.1108

261.0703,
278.6949, 291.8546

■ 14.8337, 16.2055,
15.9399

■ 48.1221, 51.9366,
52.8033

■ 8.7883, 9.6697,
9.3277

■ 65.4868, 70.5029,
72.1619

■ 4.6594, 5.1805,
4.8558

■ 86.5948, 93.0377,
95.7534

■ 2.0815, 2.3535,
2.1057

111.8113,
119.9256, 123.9965

■ 0.6791, 0.8018,
0.6191

141.5017,
151.5509, 157.3096

■ 0.0000, 0.0000,
0.0000

176.0315,

188.2979, 196.1113

215.7659,
230.5511, 240.8201

■ 23.1609, 25.1723,
25.1108

■ 23.1609, 25.1723,
25.1108

■ 20.9529, 24.1364,
20.4152

■ 25.6106, 26.3196,
30.4786

■ 18.9767, 23.2053,
16.3637

■ 28.3071, 27.5783,
36.5420

■ 17.2250, 22.3764,
12.9286

■ 31.2584, 28.9527,
43.3252

■ 15.6889, 21.6461,
10.0798

■ 34.4709, 30.4456,
50.8507

■ 14.3593, 21.0100,
7.7843

■ 37.9513, 32.0599,
59.1402

■ 13.2261, 20.4640,
6.0060

■ 41.7058, 33.7985,
68.2143

■ 12.2783, 20.0032,
4.7046

■ 45.7404, 35.6639,
78.0930

■ 11.5035, 19.6223,
3.8336

■ 50.0609, 37.6588,
88.7955

■ 10.8848, 19.3140,
3.3237

■ 54.4946, 39.7143,
99.4012

Harmonies

Analogous

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



23.6700, 25.1723, 24.3730



23.1609, 25.1723, 25.1108



22.8595, 25.1723, 26.4778

Triad

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



23.1609, 25.1723, 25.1108



23.5983, 25.1723, 30.6261



25.0441, 25.1723, 26.6804

Complementary

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



23.1609, 25.1723, 25.1108



22.9309, 23.3317, 27.7223

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.



25.0242, 25.1723, 28.3605



23.1609, 25.1723, 25.1108



24.1829, 25.1723, 30.6858

Square

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



23.1609, 25.1723, 25.1108



23.1092, 25.1723, 29.6820



24.7068, 25.1723, 29.8419



24.7608, 25.1723, 25.2539

Rectangle

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



23.1609, 25.1723, 25.1108



22.8138, 25.1723, 27.5843



24.7068, 25.1723, 29.8419



25.0728, 25.1723, 27.2332

Sweetspot

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



23.1616, 25.1734, 25.1113



43.0538, 45.8178, 48.3941



23.5400, 24.7183, 25.0036



9.9340, 10.5638, 11.1803



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.



23.1616, 25.1734, 25.1113



40.8988, 44.8080, 43.7232



22.7538, 24.9558, 25.4241



5.2327, 5.7383, 5.5847



9.6338, 17.3364, 2.8385



0.0793, 0.1230, 0.0196

Inverse Universe

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



22.9309, 23.3317, 27.7223



40.3901, 40.7478, 49.4793



23.3570, 23.5592, 27.3876



5.1661, 5.2065, 6.3385



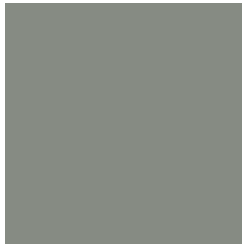
7.7640, 3.5166, 22.3152



0.0678, 0.0318, 0.1490

Previews

White Background



This preview shows how the XYZ color 23.1609, 25.1723, 25.1108 looks on a white background.

Color Contrast Check

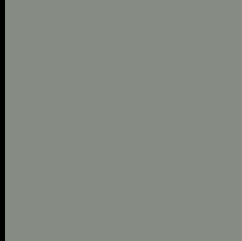
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1609, 25.1723, 25.1108 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

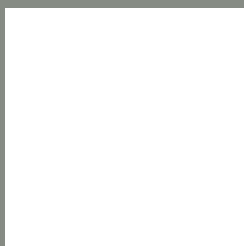
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1609, 25.1723, 25.1108

Background



This preview shows how black text looks on a background with the XYZ color 23.1609, 25.1723, 25.1108.



This preview shows how white text looks on a background with the XYZ color 23.1609, 25.1723,

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

23.1609, 25.1723, 25.1108

Protanopia

24.1303, 25.2538, 24.7218

Deuteranopia

25.5013, 25.1164, 25.3337



Tritanopia

24.5286, 25.3163, 31.1975

Trichromacy



Original Color

23.1609, 25.1723, 25.1108

Protanomaly

23.7652, 25.2776, 24.7456

Deuteranomaly

24.5059, 25.0136, 25.3663

Tritanomaly

24.0495, 25.3343, 28.8218

Monochromacy



Original Color

23.1609, 25.1723, 25.1108

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6150, 25.1605, 26.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1609, 25.1723, 25.1108 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, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 131)  
}
```

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, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 131) }
```

Border

The CSS property to change the border of an element to XYZ 23.1609, 25.1723, 25.1108 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, 139, 131) }
```


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

```
.border{ border-color:rgb(134, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1609, 25.1723, 25.1108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 131) }
```

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

```
.background{ background-color: rgb(134,  
139, 131) }
```

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