

Converting Colors

XYZ(23.9439, 28.8238, 34.8734)

Have a look what the booklet for
XYZ(23.9439, 28.8238, 34.8734)
contains.

XYZ(23.9439, 28.8238, 34.8734)	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(23.9439, 28.8238,
34.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9A9A
RGB	111, 154, 154
RGB Percent	44%, 60%, 60%
CMY	0.5647, 0.3961, 0.3961
CMYK	0.28, 0.00, 0.00, 0.40
HSL	180°, 18%, 52%
HSV	180°, 28%, 60%
XYZ	23.9439, 28.8238, 34.8734
YIQ	141.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

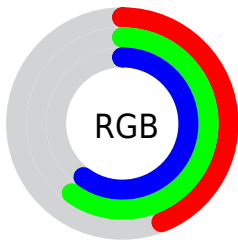
Format	Color
RYB	111, 133, 154
Decimal	7314074
CIELab	60.63, -14.50, -4.72
CIELCh	61, 15.251, 198.048
Yxy	28.8238, 0.2732, 0.3289
Android (android.graphics.Color)	4285504154 (0xFF6F9A9A)
YUV	141.1430, 6.3385, -26.4354
Hunter-Lab	53.6878, -14.3455, -0.9309

Details

The XYZ color **23.9439, 28.8238, 34.8734** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8812, 19.3875, 17.6290**, and the grayscale version is **25.3573, 26.6779, 29.0522**.

A 20% lighter version of the original color is **49.2509, 57.5583, 68.1886**, and **9.2229, 11.6719, 14.5988** is the 20% darker color. If you saturate the color by 10%, you get **22.1709, 27.9105, 34.7907**, and if you desaturate by 10%, it is **26.0526, 29.9116, 34.9730**.

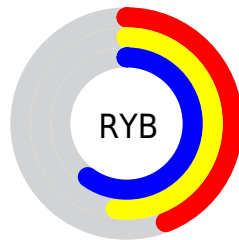
Distribution



Red (44%)

Green (60%)

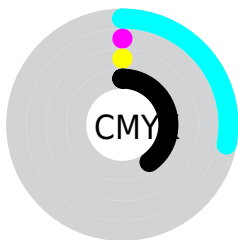
Blue (60%)



Red (44%)

Yellow (52%)

Blue (60%)

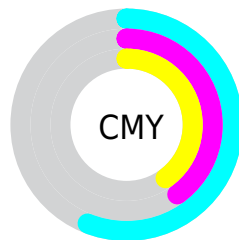


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9439, 28.8238, 34.8734 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 23.9439, 28.8238, 34.8734 by changing the saturation by 10% instead.

■ 23.9439, 28.8238,
34.8734

■ 23.9439, 28.8238,
34.8734

264.9825,
296.3827, 338.8964

■ 15.4165, 18.9476,
23.2826

■ 49.3940, 57.7970,
68.4389

■ 9.2004, 11.6324,
14.5951

■ 67.0474, 77.6628,
91.2508

■ 4.9303, 6.4939,
8.3922

■ 88.4735, 101.6272,
118.6400

■ 2.2408, 3.1477,
4.2556

■ 114.0377,
130.0747, 151.0252

■ 0.7641, 1.2093,
1.7666

144.1054,
163.3895, 188.8249

■ 0.0000, 0.0693,
0.4058

179.0418,

■ 0.0000, 0.0000,

201.9562, 232.4577

0.0000

219.2124,
246.1592, 282.3420

■ 23.9439, 28.8238,
34.8734

■ 23.9439, 28.8238,
34.8734

■ 22.1709, 27.9105,
34.7907

■ 26.0526, 29.9116,
34.9730

■ 20.7141, 27.1595,
34.7223

■ 28.5106, 31.1787,
35.0883

■ 19.5556, 26.5623,
34.6678

■ 31.3334, 32.6339,
35.2207

■ 18.6747, 26.1082,
34.6262

■ 34.5352, 34.2845,
35.3709

■ 18.0483, 25.7853,
34.5966

■ 38.1292, 36.1373,
35.5394

■ 17.6494, 25.5796,
34.5777

■ 42.1280, 38.1988,
35.7268

■ 17.4286, 25.4658,
34.5670

■ 46.5439, 40.4752,
35.9338

■ 17.3885, 25.4451,
34.5651

■ 51.3883, 42.9726,
36.1608

■ 56.6723, 45.6966,
36.4084

Harmonies

Analogous

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



23.8485, 28.8238, 29.1867



23.9439, 28.8238, 34.8734



24.9366, 28.8238, 40.1813

Triad

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



23.9439, 28.8238, 34.8734



30.3166, 28.8238, 39.2253



28.1896, 28.8238, 21.9067

Complementary

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



23.9439, 28.8238, 34.8734



21.8812, 19.3875, 17.6290

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.



30.0123, 28.8238, 23.9751



23.9439, 28.8238, 34.8734



31.2792, 28.8238, 33.6893

Square

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



23.9439, 28.8238, 34.8734



28.5888, 28.8238, 42.8940



31.1653, 28.8238, 28.1359



26.2371, 28.8238, 22.1429

Rectangle

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



23.9439, 28.8238, 34.8734



26.0018, 28.8238, 42.5829



31.1653, 28.8238, 28.1359



28.8395, 28.8238, 22.3442

Sweetspot

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



23.9447, 28.8250, 34.8741



51.6755, 56.5775, 63.7328



21.0718, 27.6863, 19.2730



11.5433, 12.7271, 14.4184



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.9447, 28.8250, 34.8741



41.2531, 51.2046, 63.2436



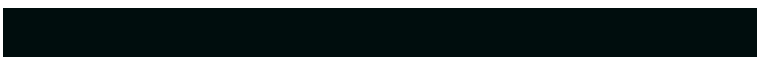
20.8064, 22.5480, 33.8287



6.3846, 7.0266, 7.9487



14.1663, 20.7300, 28.1599



0.2118, 0.3099, 0.4210

Inverse Universe

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



21.8812, 19.3875, 17.6290



36.8211, 30.9356, 26.2063



24.4186, 24.4626, 18.4743



6.2088, 6.2227, 6.4798



10.8574, 5.5972, 0.5083



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 23.9439, 28.8238, 34.8734 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 23.9439, 28.8238, 34.8734 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

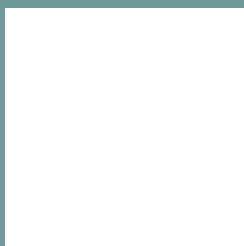
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9439, 28.8238, 34.8734

Background



This preview shows how black text looks on a background with the XYZ color 23.9439, 28.8238, 34.8734.

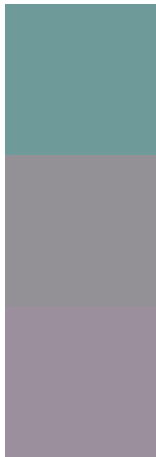


This preview shows how white text looks on a background with the XYZ color 23.9439, 28.8238,

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

23.9439, 28.8238, 34.8734

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

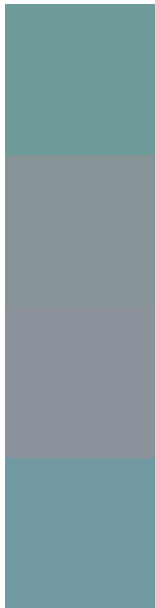
29.2764, 28.7489, 35.9043



Tritanopia

24.8298, 28.6838, 39.8252

Trichromacy



Original Color

23.9439, 28.8238, 34.8734

Protanomaly

26.0073, 28.4825, 33.4051

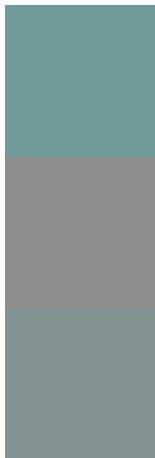
Deuteranomaly

26.9271, 28.4470, 35.5241

Tritanomaly

24.5063, 28.8004, 37.9856

Monochromacy



Original Color

23.9439, 28.8238, 34.8734

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6731, 27.3789, 31.1784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9439, 28.8238, 34.8734 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(111, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(111, 154, 154)  
}
```

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(111, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.9439, 28.8238, 34.8734 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(111, 154, 154) }
```


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

```
.border{ border-color:rgb(111, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(111, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9439, 28.8238, 34.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 154, 154) }
```

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

```
.background{ background-color: rgb(111,  
154, 154) }
```

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