

Converting Colors

XYZ(23.3186, 24.9685, 33.7277)

Have a look what the booklet for
XYZ(23.3186, 24.9685, 33.7277)
contains.

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Color

**XYZ(23.4398, 25.1251,
33.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8B99
RGB	125, 139, 153
RGB Percent	49%, 55%, 60%
CMY	0.5098, 0.4549, 0.4000
CMYK	0.18, 0.09, 0.00, 0.40
HSL	210°, 12%, 55%
HSV	210°, 18%, 60%
XYZ	23.4398, 25.1251, 33.7512
YIQ	136.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

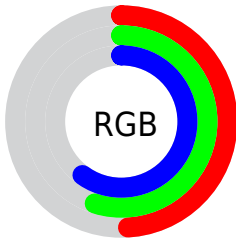
Format	Color
R_{YB}	125, 134, 153
Decimal	8227737
CIE _{Lab}	57.20, -1.95, -9.15
CIE _{LCh}	57, 9.359, 257.952
Yxy	25.1251, 0.2848, 0.3052
Android (android.graphics.Color)	4286417817 (0xFF7D8B99)
YUV	136.4100, 8.1789, -10.0066
Hunter-Lab	50.1249, -4.2472, -4.8350

Details

The XYZ color **23.4398, 25.1251, 33.7512** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.0713, 26.7181, 23.1855**, and the grayscale version is **23.5298, 24.7552, 26.9584**.

A 20% lighter version of the original color is **48.4722, 51.6692, 66.4499**, and **8.9511, 9.6406, 13.9594** is the 20% darker color. If you saturate the color by 10%, you get **20.3071, 21.9237, 33.2988**, and if you desaturate by 10%, it is **26.9956, 28.6610, 34.2467**.

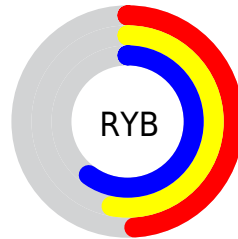
Distribution



Red (49%)

Green (55%)

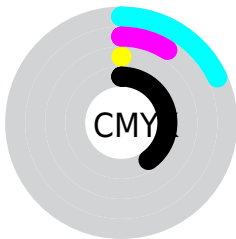
Blue (60%)



Red (49%)

Yellow (53%)

Blue (60%)

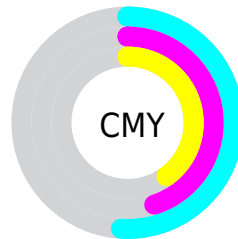


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4398, 25.1251, 33.7512 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 23.4398, 25.1251, 33.7512 by changing the saturation by 10% instead.

■ 23.4398, 25.1251,
33.7512

■ 23.4398, 25.1251,
33.7512

262.4693,
278.4604, 333.7565

■ 15.0411, 16.1703,
22.4267

■ 48.5758, 51.8601,
66.6760

■ 8.9347, 9.6447,
13.9695

■ 66.0439, 70.4091,
89.1135

■ 4.7554, 5.1640,
7.9609

■ 87.2657, 92.9249,
116.0923

■ 2.1377, 2.3438,
3.9825

112.6066,
119.7919, 148.0311

■ 0.7096, 0.7968,
1.6158

142.4321,
151.3946, 185.3484

■ 0.0000, 0.0000,
0.3020

177.1075,

■ 0.0000, 0.0000,

188.1173, 228.4627

0.0000

216.9981,
230.3444, 277.7925

■ 23.4398, 25.1251,
33.7512

■ 23.4398, 25.1251,
33.7512

■ 20.3071, 21.9237,
33.2988

■ 26.9956, 28.6610,
34.2467

■ 17.5779, 19.0424,
32.8865

■ 30.9885, 32.5389,
34.7847

■ 15.2346, 16.4702,
32.5135

■ 35.4346, 36.7699,
35.3671

■ 13.2569, 14.1944,
32.1785

■ 40.3483, 41.3637,
35.9948

■ 11.6227, 12.2010,
31.8798

■ 45.7436, 46.3295,
36.6689

■ 10.3074, 10.4744,
31.6159

■ 51.6337, 51.6762,
37.3905

■ 9.2823, 8.9972,
31.3848

■ 58.0315, 57.4124,
38.1605

■ 8.4934, 7.7387,
31.1834

■ 64.9491, 63.5463,
38.9799

■ 8.3696, 7.5395,
31.1515

■ 69.5077, 68.5957,
39.7142

Harmonies

Analogous

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



22.4854, 25.1251, 32.1299



23.4398, 25.1251, 33.7512



24.5417, 25.1251, 33.5649

Triad

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



23.4398, 25.1251, 33.7512



25.9599, 25.1251, 25.5237



22.3371, 25.1251, 23.4798

Complementary

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



23.4398, 25.1251, 33.7512



26.0713, 26.7181, 23.1855

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.



23.2316, 25.1251, 21.9659



23.4398, 25.1251, 33.7512



25.3324, 25.1251, 23.0818

Square

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



23.4398, 25.1251, 33.7512



26.0198, 25.1251, 28.6472



24.3270, 25.1251, 21.8261



21.8621, 25.1251, 26.1061

Rectangle

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



23.4398, 25.1251, 33.7512



25.2116, 25.1251, 32.4422



24.3270, 25.1251, 21.8261



22.5974, 25.1251, 22.8330

Sweetspot

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



23.4406, 25.1261, 33.7518



50.5481, 53.4835, 61.6312



24.4753, 28.9933, 28.5544



11.0626, 11.7131, 13.5953



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.4406, 25.1261, 33.7518



39.5689, 42.5552, 60.1005



21.6005, 21.4460, 33.1384



6.1269, 6.5111, 7.8628



6.9507, 6.2980, 25.7570



0.1402, 0.1668, 0.3972

Inverse Universe

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



25.1313, 23.3041, 27.6008



43.2099, 38.7937, 46.8180



28.1539, 30.8834, 23.8797



6.3311, 6.2716, 7.1239



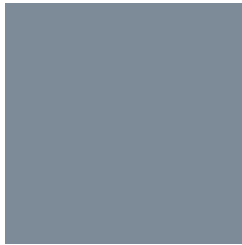
11.9671, 6.0411, 6.3519



0.1972, 0.0977, 0.1915

Previews

White Background



This preview shows how the XYZ color 23.4398, 25.1251, 33.7512 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 23.4398, 25.1251, 33.7512 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

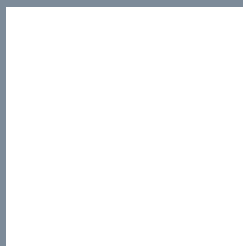
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4398, 25.1251, 33.7512

Background



This preview shows how black text looks on a background with the XYZ color 23.4398, 25.1251, 33.7512.

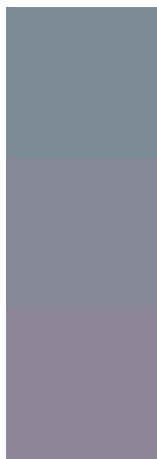


This preview shows how white text looks on a background with the XYZ color 23.4398, 25.1251,

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

23.4398, 25.1251, 33.7512

Protanopia

24.3817, 24.9936, 32.8173

Deuteranopia

25.5132, 25.1341, 34.0785



Tritanopia

23.2760, 25.0596, 32.8884

Trichromacy



Original Color

23.4398, 25.1251, 33.7512

Protanomaly

23.9732, 24.9836, 33.2646

Deuteranomaly

24.7902, 25.1757, 34.1247

Tritanomaly

23.3576, 25.0922, 33.3180

Monochromacy



Original Color

23.4398, 25.1251, 33.7512

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3439, 24.7498, 29.1380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4398, 25.1251, 33.7512 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(125, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 153)  
}
```

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(125, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.4398, 25.1251, 33.7512 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(125, 139, 153) }
```


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

```
.border{ border-color:rgb(125, 139, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4398, 25.1251, 33.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 139, 153) }
```

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

```
.background{ background-color: rgb(125,  
139, 153) }
```

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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