

Converting Colors

XYZ(23.1133, 24.8822, 32.4137)

Have a look what the booklet for
XYZ(23.1133, 24.8822, 32.4137)
contains.

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Color

**XYZ(23.1951, 25.0272,
32.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8B96
RGB	125, 139, 150
RGB Percent	49%, 55%, 59%
CMY	0.5098, 0.4549, 0.4118
CMYK	0.17, 0.07, 0.00, 0.41
HSL	206°, 11%, 54%
HSV	206°, 17%, 59%
XYZ	23.1951, 25.0272, 32.4624
YIQ	136.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

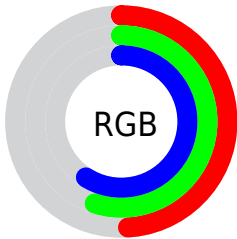
Format	Color
R_{YB}	125, 134, 150
Decimal	8227734
CIE _{Lab}	57.10, -2.64, -7.57
CIE _{LCh}	57, 8.018, 250.790
Yxy	25.0272, 0.2875, 0.3102
Android (android.graphics.Color)	4286417814 (0xFF7D8B96)
YUV	136.0680, 6.8685, -9.7066
Hunter-Lab	50.0272, -4.7861, -3.4540

Details

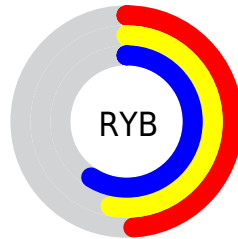
The XYZ color **23.1951, 25.0272, 32.4624** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0838, 25.5731, 23.0166**, and the grayscale version is **23.4061, 24.6250, 26.8166**.

A 20% lighter version of the original color is **48.1088, 51.5239, 64.5362**, and **8.8050, 9.5821, 13.1898** is the 20% darker color. If you saturate the color by 10%, you get **20.2419, 22.1294, 32.0591**, and if you desaturate by 10%, it is **26.5383, 28.2129, 32.9015**.

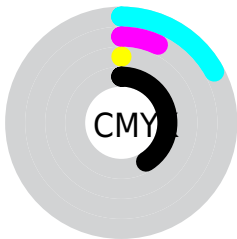
Distribution



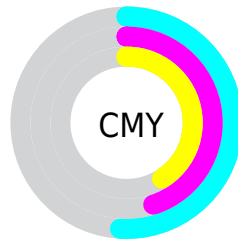
- Red (49%)
- Green (55%)
- Blue (59%)



- Red (49%)
- Yellow (53%)
- Blue (59%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1951, 25.0272, 32.4624 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 23.1951, 25.0272, 32.4624 by changing the saturation by 10% instead.

■ 23.1951, 25.0272,
32.4624

■ 23.1951, 25.0272,
32.4624

261.2421,
277.9734, 327.7777

■ 14.8591, 16.0973,
21.4472

■ 48.1778, 51.7013,
64.6416

■ 8.8062, 9.5930,
13.2569

■ 65.5552, 70.2144,
86.6427

■ 4.6711, 5.1300,
7.4729

■ 86.6771, 92.6906,
113.1428

■ 2.0884, 2.3237,
3.6766

111.9090,
119.5145, 144.5604

■ 0.6829, 0.7862,
1.4497

141.6160,
151.0702, 181.3142

■ 0.0000, 0.0000,
0.1800

176.1637,

■ 0.0000, 0.0000,

187.7424, 223.8227

0.0000

215.9173,
229.9153, 272.5043

■ 23.1951, 25.0272,
32.4624

■ 23.1951, 25.0272,
32.4624

■ 20.2419, 22.1294,
32.0591

■ 26.5383, 28.2129,
32.9015

■ 17.6605, 19.5069,
31.6890

■ 30.2839, 31.6926,
33.3757

■ 15.4348, 17.1503,
31.3514

■ 34.4469, 35.4759,
33.8866

■ 13.5465, 15.0486,
31.0453

■ 39.0404, 39.5711,
34.4349

■ 11.9754, 13.1898,
30.7693

■ 44.0773, 43.9861,
35.0216

■ 10.6989, 11.5607,
30.5221

■ 49.5696, 48.7285,
35.6475

■ 9.6913, 10.1461,
30.3022

■ 55.5291, 53.8056,
36.3134

■ 8.9123, 8.9235,
30.1073

■ 61.9669, 59.2245,
37.0200

■ 8.6762, 8.5443,
30.0465

■ 67.0295, 64.0308,
37.6809

Harmonies

Analogous

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



22.4391, 25.0272, 30.7911



23.1951, 25.0272, 32.4624



24.1292, 25.0272, 32.6850

Triad

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



23.1951, 25.0272, 32.4624



25.6164, 25.0272, 26.2883



22.6209, 25.0272, 23.4995

Complementary

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



23.1951, 25.0272, 32.4624



25.0838, 25.5731, 23.0166

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.



23.4493, 25.0272, 22.4542



23.1951, 25.0272, 32.4624



25.1891, 25.0272, 23.9921

Square

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



23.1951, 25.0272, 32.4624



25.5440, 25.0272, 28.9976



24.3901, 25.0272, 22.6284



22.1137, 25.0272, 25.5748

Rectangle

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



23.1951, 25.0272, 32.4624



24.7293, 25.0272, 31.9666



24.3901, 25.0272, 22.6284



22.8701, 25.0272, 23.0224

Sweetspot

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



23.1958, 25.0282, 32.4630



47.8220, 50.7167, 58.1901



23.7964, 27.9460, 27.3709



10.5091, 11.1561, 12.8843



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1958, 25.0282, 32.4630



38.9128, 42.2035, 57.0164



21.5094, 21.6553, 31.9008



5.7527, 6.1394, 7.3516



7.2281, 7.1510, 24.9304



0.1179, 0.1464, 0.3149

Inverse Universe

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



24.5721, 23.0160, 27.5747



41.8356, 38.0632, 46.6054



26.9221, 29.2497, 23.6294



5.9286, 5.8665, 6.7302



11.7755, 5.9153, 7.5647



0.1590, 0.0783, 0.1708

Previews

White Background



This preview shows how the XYZ color 23.1951, 25.0272, 32.4624 looks on a white background.

Color Contrast Check

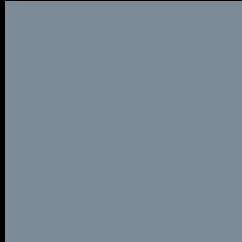
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1951, 25.0272, 32.4624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

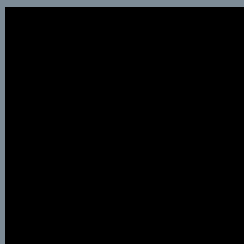
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

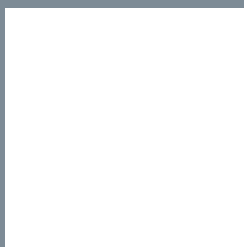
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1951, 25.0272, 32.4624

Background



This preview shows how black text looks on a background with the XYZ color 23.1951, 25.0272, 32.4624.



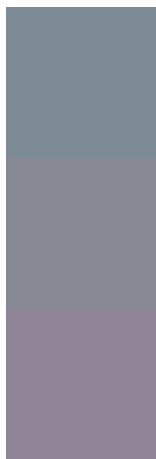
This preview shows how white text looks on a background with the XYZ color 23.1951, 25.0272,

32.4624.

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

23.1951, 25.0272, 32.4624

Protanopia

24.3028, 24.9807, 31.5578

Deuteranopia

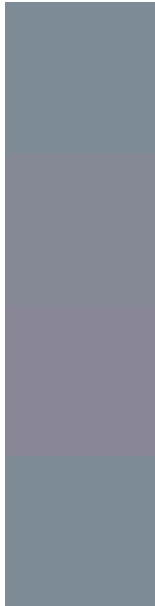
25.4750, 24.9387, 32.7491



Tritanopia

23.1951, 25.0272, 32.4624

Trichromacy



Original Color

23.1951, 25.0272, 32.4624

Protanomaly

23.8862, 24.9668, 31.9939

Deuteranomaly

24.5664, 24.8807, 32.7858

Tritanomaly

23.1951, 25.0272, 32.4624

Monochromacy



Original Color

23.1951, 25.0272, 32.4624

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2691, 24.7199, 28.7443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1951, 25.0272, 32.4624 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.1951, 25.0272, 32.4624 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, 150) }
```


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

```
.border{ border-color:rgb(125, 139, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 150);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1951, 25.0272, 32.4624 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, 150) }
```

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

```
.background{ background-color: rgb(125,  
139, 150) }
```

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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