

Converting Colors

XYZ(23.4430, 25.5606, 33.8351)

Have a look what the booklet for
XYZ(23.4430, 25.5606, 33.8351)
contains.

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Color

**XYZ(23.4430, 25.5606,
33.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8D99
RGB	123, 141, 153
RGB Percent	48%, 55%, 60%
CMY	0.5176, 0.4470, 0.4000
CMYK	0.20, 0.08, 0.00, 0.40
HSL	204°, 13%, 54%
HSV	204°, 20%, 60%
XYZ	23.4430, 25.5606, 33.8351
YIQ	136.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

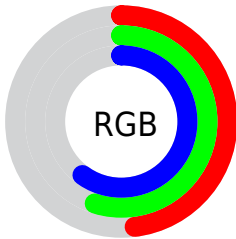
Format	Color
R_{YB}	123, 134, 153
Decimal	8097177
CIE _{Lab}	57.62, -3.75, -8.54
CIE _{LCh}	58, 9.328, 246.283
Yxy	25.5606, 0.2830, 0.3086
Android (android.graphics.Color)	4286287257 (0xFF7B8D99)
YUV	136.9860, 7.8949, -12.2657
Hunter-Lab	50.5575, -5.7070, -4.2890

Details

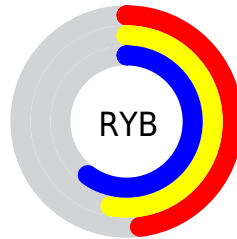
The XYZ color **23.4430, 25.5606, 33.8351** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3762, 25.5303, 22.3297**, and the grayscale version is **23.7482, 24.9850, 27.2086**.

A 20% lighter version of the original color is **48.6821, 52.7653, 66.6504**, and **8.9634, 9.8973, 14.0083** is the 20% darker color. If you saturate the color by 10%, you get **20.5457, 22.7650, 33.4486**, and if you desaturate by 10%, it is **26.7338, 28.6344, 34.2554**.

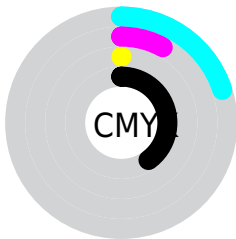
Distribution



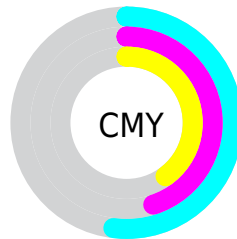
- Red (48%)
- Green (55%)
- Blue (60%)



- Red (48%)
- Yellow (53%)
- Blue (60%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4430, 25.5606, 33.8351 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 23.4430, 25.5606, 33.8351 by changing the saturation by 10% instead.

■ 23.4430, 25.5606,
33.8351

■ 23.4430, 25.5606,
33.8351

262.4853,
280.6184, 334.1428

■ 15.0434, 16.4952,
22.4906

■ 48.5810, 52.5652,
66.8081

■ 8.9364, 9.8753,
14.0161

■ 66.0502, 71.2733,
89.2737

■ 4.7565, 5.3163,
7.9930

■ 87.2734, 93.9643,
116.2835

■ 2.1384, 2.4340,
4.0027

112.6158,
121.0227, 148.2558

■ 0.7100, 0.8433,
1.6268

142.4428,
152.8330, 185.6094

■ 0.0000, 0.0000,
0.3099

177.1198,

■ 0.0000, 0.0000,

189.7794, 228.7628

0.0000

217.0122,
232.2464, 278.1344

■ 23.4430, 25.5606,
33.8351

■ 23.4430, 25.5606,
33.8351

■ 20.5457, 22.7650,
33.4486

■ 26.7338, 28.6344,
34.2554

■ 18.0230, 20.2346,
33.0932

■ 30.4313, 31.9925,
34.7087

■ 15.8577, 17.9601,
32.7683

■ 34.5512, 35.6445,
35.1964

■ 14.0303, 15.9302,
32.4728

■ 39.1072, 39.5988,
35.7196

■ 12.5193, 14.1325,
32.2054

■ 44.1127, 43.8633,
36.2789

■ 11.3004, 12.5532,
31.9648

■ 49.5803, 48.4456,
36.8752

■ 10.3454, 11.1763,
31.7494

■ 55.5224, 53.3530,
37.5092

■ 9.5889, 9.9668,
31.5558

■ 61.9504, 58.5926,
38.1818

■ 9.5606, 9.9214,
31.5485

■ 66.7467, 63.0736,
38.7939

Harmonies

Analogous

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



22.6082, 25.5606, 31.6223



23.4430, 25.5606, 33.8351



24.5298, 25.5606, 34.3864

Triad

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



23.4430, 25.5606, 33.8351



26.4870, 25.5606, 27.1651



23.0487, 25.5606, 23.1723

Complementary

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



23.4430, 25.5606, 33.8351



25.3762, 25.5303, 22.3297

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.



24.0609, 25.5606, 22.1669



23.4430, 25.5606, 33.8351



26.0628, 25.5606, 24.3558

Square

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



23.4430, 25.5606, 33.8351



26.3093, 25.5606, 30.3728



25.1665, 25.5606, 22.5831



22.3854, 25.5606, 25.4354

Rectangle

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



23.4430, 25.5606, 33.8351



25.2557, 25.5606, 33.7030



25.1665, 25.5606, 22.5831



23.3582, 25.5606, 22.6843

Sweetspot

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



23.4438, 25.5616, 33.8357



50.1025, 53.3196, 61.6230



23.8981, 28.7291, 27.0237



10.9802, 11.6978, 13.5967



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.



23.4438, 25.5616, 33.8357



39.3728, 43.2792, 60.2505



21.4436, 21.5613, 33.1689



6.1772, 6.6117, 7.8796



7.9347, 8.2661, 26.0850



0.1541, 0.1945, 0.4018

Inverse Universe

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



25.0281, 22.8619, 28.2941



42.8384, 37.6020, 48.0779



27.5392, 29.8563, 23.0507



6.3565, 6.2818, 7.2576



12.4639, 6.2398, 8.9676



0.2042, 0.1004, 0.2283

Previews

White Background



This preview shows how the XYZ color 23.4430, 25.5606, 33.8351 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 23.4430, 25.5606, 33.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

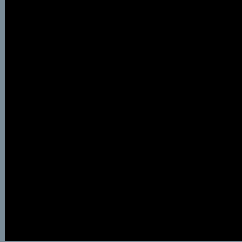
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

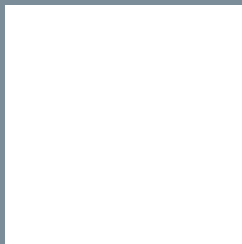
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4430, 25.5606, 33.8351

Background



This preview shows how black text looks on a background with the XYZ color 23.4430, 25.5606, 33.8351.



This preview shows how white text looks on a background with the XYZ color 23.4430, 25.5606,

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

23.4430, 25.5606, 33.8351

Protanopia

24.8481, 25.4441, 32.8797

Deuteranopia

25.8594, 25.3126, 34.0947



Tritanopia

23.3608, 25.5277, 33.4019

Trichromacy



Original Color

23.4430, 25.5606, 33.8351

Protanomaly

24.2717, 25.3495, 33.3194

Deuteranomaly

24.9317, 25.4587, 34.1718

Tritanomaly

23.3608, 25.5277, 33.4019

Monochromacy



Original Color

23.4430, 25.5606, 33.8351

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5621, 25.0657, 29.5829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4430, 25.5606, 33.8351 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(123, 141, 153)` looks like.

```
.text, #text, p{  
    color:rgb(123, 141, 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(123, 141, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 141, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.4430, 25.5606, 33.8351 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(123, 141, 153) }
```


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

```
.border{ border-color:rgb(123, 141, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 141, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 141, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 141, 153);  
box-shadow:4px 4px 4px 4px rgb(123, 141,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4430, 25.5606, 33.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 141, 153) }
```

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

```
.background{ background-color: rgb(123,  
141, 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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