

Converting Colors

XYZ(23.5922, 25.9810, 33.9086)

Have a look what the booklet for
XYZ(23.5922, 25.9810, 33.9086)
contains.

XYZ(23.5983, 26.0824, 33.9276)	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(23.5983, 26.0824,
33.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8F99
RGB	122, 143, 153
RGB Percent	48%, 56%, 60%
CMY	0.5216, 0.4392, 0.4000
CMYK	0.20, 0.07, 0.00, 0.40
HSL	199°, 13%, 54%
HSV	199°, 20%, 60%
XYZ	23.5983, 26.0824, 33.9276
YIQ	137.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

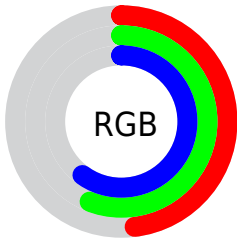
Format	Color
R_{YB}	122, 135, 153
Decimal	8032153
CIE _{Lab}	58.12, -5.21, -7.81
CIE _{LCh}	58, 9.382, 236.299
Yxy	26.0824, 0.2822, 0.3120
Android (android.graphics.Color)	4286222233 (0xFF7A8F99)
YUV	137.8610, 7.4635, -13.9101
Hunter-Lab	51.0709, -6.8948, -3.6381

Details

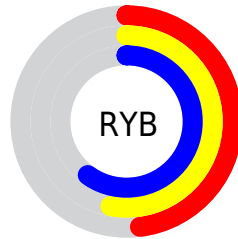
The XYZ color **23.5983, 26.0824, 33.9276** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9013, 24.6801, 21.8643**, and the grayscale version is **24.0819, 25.3360, 27.5909**.

A 20% lighter version of the original color is **48.9079, 53.5515, 66.7902**, and **9.0603, 10.2045, 14.0625** is the 20% darker color. If you saturate the color by 10%, you get **20.8757, 23.6038, 33.5931**, and if you desaturate by 10%, it is **26.6961, 28.8041, 34.2901**.

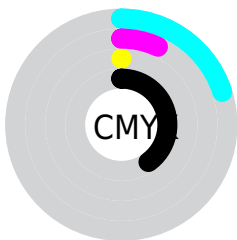
Distribution



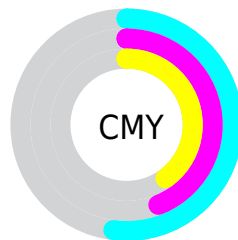
- Red (48%)
- Green (56%)
- Blue (60%)



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



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5983, 26.0824, 33.9276 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 23.5983, 26.0824, 33.9276 by changing the saturation by 10% instead.

■ 23.5983, 26.0824,
33.9276

■ 23.5983, 26.0824,
33.9276

263.2616,
283.1863, 334.5684

■ 15.1590, 16.8853,
22.5611

■ 48.8333, 53.4078,
66.9537

■ 9.0181, 10.1527,
14.0675

■ 66.3598, 72.3050,
89.4503

■ 4.8102, 5.5003,
8.0283

■ 87.6461, 95.2042,
116.4940

■ 2.1699, 2.5437,
4.0251

113.0575,
122.4900, 148.5034

■ 0.7268, 0.8985,
1.6391

142.9594,
154.5467, 185.8970

■ 0.0000, 0.0000,
0.3185

177.7171,

■ 0.0000, 0.0000,

191.7588, 229.0934

0.0000

217.6961,
234.5105, 278.5110

■ 23.5983, 26.0824,
33.9276

■ 23.5983, 26.0824,
33.9276

■ 20.8757, 23.6038,
33.5931

■ 26.6961, 28.8041,
34.2901

■ 18.5098, 21.3562,
33.2840

■ 30.1821, 31.7743,
34.6797

■ 16.4836, 19.3309,
32.9998

■ 34.0715, 35.0020,
35.0977

■ 14.7779, 17.5173,
32.7397

■ 38.3778, 38.4948,
35.5449

■ 13.3715, 15.9039,
32.5024

■ 43.1142, 42.2600,
36.0220

■ 12.2404, 14.4776,
32.2867

■ 48.2929, 46.3046,
36.5297

■ 11.3565, 13.2231,
32.0911

■ 53.9259, 50.6352,
37.0687

■ 10.6654, 12.1311,
31.9168

■ 60.0245, 55.2582,
37.6396

■ 64.8484, 59.2770,
38.1611

Harmonies

Analogous

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



22.8836, 26.0824, 31.2618



23.5983, 26.0824, 33.9276



24.6498, 26.0824, 35.1099

Triad

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



23.5983, 26.0824, 33.9276



27.0346, 26.0824, 28.8050



23.8354, 26.0824, 23.1526

Complementary

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



23.5983, 26.0824, 33.9276



24.9013, 24.6801, 21.8643

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.



24.9318, 26.0824, 22.6033



23.5983, 26.0824, 33.9276



26.8006, 26.0824, 25.7171

Square

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



23.5983, 26.0824, 33.9276



26.6524, 26.0824, 32.0133



26.0223, 26.0824, 23.5067



23.0175, 26.0824, 25.0680

Rectangle

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



23.5983, 26.0824, 33.9276



25.4086, 26.0824, 34.8361



26.0223, 26.0824, 23.5067



24.1826, 26.0824, 22.8087

Sweetspot

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



23.5991, 26.0835, 33.9282



50.3089, 53.7324, 61.6918



23.5701, 28.5815, 26.0392



11.0299, 11.7973, 13.6133



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.



23.5991, 26.0835, 33.9282



40.1278, 44.7891, 60.5022



21.4543, 21.7940, 33.2133



6.2165, 6.6904, 7.8927



8.8457, 10.0881, 26.3887



0.1648, 0.2159, 0.4054

Inverse Universe

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



25.0550, 22.6752, 29.0440



43.2195, 37.7544, 50.0846



27.1332, 29.1440, 22.6083



6.3764, 6.2897, 7.3623



12.9237, 6.4237, 11.3890



0.2096, 0.1026, 0.2568

Previews

White Background



This preview shows how the XYZ color 23.5983, 26.0824, 33.9276 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 23.5983, 26.0824, 33.9276 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

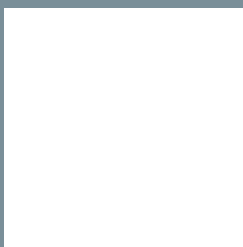
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5983, 26.0824, 33.9276

Background



This preview shows how black text looks on a background with the XYZ color 23.5983, 26.0824, 33.9276.



This preview shows how white text looks on a background with the XYZ color 23.5983, 26.0824,

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

23.5983, 26.0824, 33.9276

Protanopia

25.3851, 26.1562, 32.5649

Deuteranopia

26.5746, 26.0859, 34.6448



Tritanopia

23.6812, 26.1156, 34.3645

Trichromacy



Original Color

23.5983, 26.0824, 33.9276

Protanomaly

24.6369, 25.9771, 32.9937

Deuteranomaly

25.3819, 26.1167, 34.2751

Tritanomaly

23.6812, 26.1156, 34.3645

Monochromacy



Original Color

23.5983, 26.0824, 33.9276

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8517, 25.6449, 29.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5983, 26.0824, 33.9276 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(122, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 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(122, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.5983, 26.0824, 33.9276 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(122, 143, 153) }
```


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

```
.border{ border-color:rgb(122, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5983, 26.0824, 33.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 153) }
```

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

```
.background{ background-color: rgb(122,  
143, 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](#).

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