

Converting Colors

XYZ(23.3022, 26.1712, 33.8629)

Have a look what the booklet for
XYZ(23.3022, 26.1712, 33.8629)
contains.

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Color

**XYZ(23.3308, 26.1684,
33.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	779099
RGB	119, 144, 153
RGB Percent	47%, 56%, 60%
CMY	0.5333, 0.4353, 0.4000
CMYK	0.22, 0.06, 0.00, 0.40
HSL	196°, 14%, 53%
HSV	196°, 22%, 60%
XYZ	23.3308, 26.1684, 33.9583
YIQ	137.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

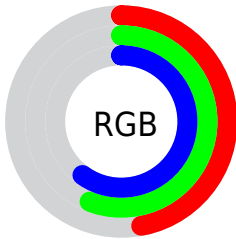
Format	Color
R_{YB}	119, 133, 153
Decimal	7835801
CIE _{Lab}	58.20, -6.75, -7.71
CIE _{LCh}	58, 10.243, 228.790
Yxy	26.1684, 0.2796, 0.3136
Android (android.graphics.Color)	4286025881 (0xFF779099)
YUV	137.5510, 7.6164, -16.2692
Hunter-Lab	51.1551, -8.1111, -3.5500

Details

The XYZ color **23.3308, 26.1684, 33.9583** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.1861, 23.5426, 20.7228**, and the grayscale version is **23.9641, 25.2121, 27.4559**.

A 20% lighter version of the original color is **48.4698, 53.6638, 66.8350**, and **8.9268, 10.2668, 14.0816** is the 20% darker color. If you saturate the color by 10%, you get **20.7956, 23.9679, 33.6676**, and if you desaturate by 10%, it is **26.2277, 28.5893, 34.2733**.

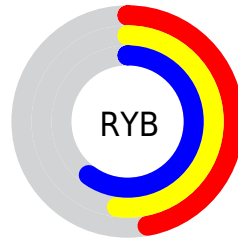
Distribution



Red (47%)

Green (56%)

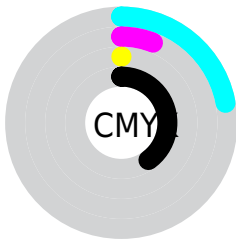
Blue (60%)



Red (47%)

Yellow (52%)

Blue (60%)

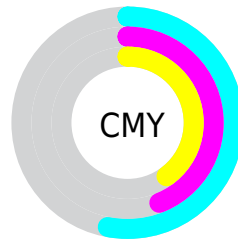


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3308, 26.1684, 33.9583 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 23.3308, 26.1684, 33.9583 by changing the saturation by 10% instead.

■ 23.3308, 26.1684,
33.9583

■ 23.3308, 26.1684,
33.9583

261.9232,
283.6078, 334.7096

■ 14.9600, 16.9497,
22.5845

■ 48.3986, 53.5465,
67.0020

■ 8.8774, 10.1986,
14.0846

■ 65.8263, 72.4746,
89.5089

■ 4.7178, 5.5308,
8.0401

■ 87.0037, 95.4080,
116.5639

■ 2.1157, 2.5620,
4.0325

112.2961,
122.7311, 148.5856

■ 0.6977, 0.9076,
1.6432

142.0689,
154.8282, 185.9924

■ 0.0000, 0.0000,
0.3214

176.6875,

■ 0.0000, 0.0000,

192.0838, 229.2030

0.0000

216.5171,
234.8821, 278.6359

■ 23.3308, 26.1684,
33.9583

■ 23.3308, 26.1684,
33.9583

■ 20.7956, 23.9679,
33.6676

■ 26.2277, 28.5893,
34.2733

■ 18.6032, 21.9758,
33.3986

■ 29.4991, 31.2357,
34.6117

■ 16.7369, 20.1838,
33.1511

■ 33.1603, 34.1163,
34.9748

■ 15.1772, 18.5815,
32.9240

■ 37.2248, 37.2384,
35.3632

■ 13.9026, 17.1574,
32.7163

■ 41.7056, 40.6091,
35.7776

■ 12.8886, 15.8986,
32.5268

■ 46.6149, 44.2351,
36.2187

■ 12.1062, 14.7897,
32.3540

■ 51.9647, 48.1226,
36.6871

■ 11.6004, 14.0010,
32.2284

■ 57.7662, 52.2780,
37.1834

■ 63.4012, 56.3826,
37.6787

Harmonies

Analogous

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



22.6777, 26.1684, 30.7548



23.3308, 26.1684, 33.9583



24.4106, 26.1684, 35.7478

Triad

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



23.3308, 26.1684, 33.9583



27.2909, 26.1684, 29.8443



24.1104, 26.1684, 22.4922

Complementary

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



23.3308, 26.1684, 33.9583



24.1861, 23.5426, 20.7228

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.



25.3398, 26.1684, 22.2927



23.3308, 26.1684, 33.9583



27.2040, 26.1684, 26.3447

Square

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



23.3308, 26.1684, 33.9583



26.7138, 26.1684, 33.2441



26.4802, 26.1684, 23.6479



23.1174, 26.1684, 24.2175

Rectangle

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



23.3308, 26.1684, 33.9583



25.2393, 26.1684, 35.8062



26.4802, 26.1684, 23.6479



24.5089, 26.1684, 22.2501

Sweetspot

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



23.3316, 26.1695, 33.9589



49.8626, 53.5571, 61.6815



22.8629, 28.2503, 24.4983



10.9436, 11.7720, 13.6129



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.



23.3316, 26.1695, 33.9589



39.2927, 44.7239, 60.5336



21.0122, 21.5307, 33.1858



6.2462, 6.7498, 7.9026



9.6156, 11.6278, 26.6453



0.1728, 0.2319, 0.4080

Inverse Universe

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



24.7684, 21.9802, 29.3240



42.4062, 35.9291, 50.4262



26.5163, 28.2030, 21.4995



6.3914, 6.2957, 7.4412



13.3123, 6.5791, 13.4353



0.2137, 0.1042, 0.2781

Previews

White Background



This preview shows how the XYZ color 23.3308, 26.1684, 33.9583 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 23.3308, 26.1684, 33.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

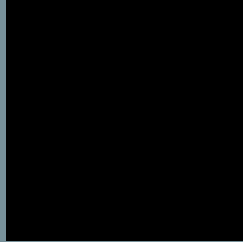
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

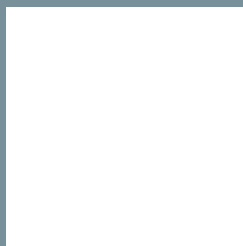
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3308, 26.1684, 33.9583

Background



This preview shows how black text looks on a background with the XYZ color 23.3308, 26.1684, 33.9583.



This preview shows how white text looks on a background with the XYZ color 23.3308, 26.1684,

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

23.3308, 26.1684, 33.9583

Protanopia

25.3851, 26.1562, 32.5649

Deuteranopia

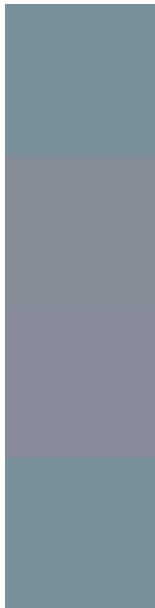
26.5746, 26.0859, 34.6448



Tritanopia

23.4974, 26.2350, 34.8358

Trichromacy



Original Color

23.3308, 26.1684, 33.9583

Protanomaly

24.6265, 26.1897, 33.0353

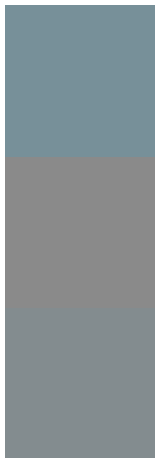
Deuteranomaly

25.2187, 26.0326, 34.2675

Tritanomaly

23.4137, 26.2016, 34.3952

Monochromacy



Original Color

23.3308, 26.1684, 33.9583

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6961, 25.5646, 29.6722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3308, 26.1684, 33.9583 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(119, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(119, 144, 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(119, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 144, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.3308, 26.1684, 33.9583 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(119, 144, 153) }
```


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

```
.border{ border-color:rgb(119, 144, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(119, 144,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3308, 26.1684, 33.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 144, 153) }
```

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

```
.background{ background-color: rgb(119,  
144, 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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