

Converting Colors

XYZ(23.5003, 22.8411, 31.7717)

Have a look what the booklet for
XYZ(23.5003, 22.8411, 31.7717)
contains.

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Color

**XYZ(23.3307, 22.6670,
31.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	897F95
RGB	137, 127, 149
RGB Percent	54%, 50%, 58%
CMY	0.4627, 0.5019, 0.4157
CMYK	0.08, 0.15, 0.00, 0.42
HSL	267°, 9%, 54%
HSV	267°, 15%, 58%
XYZ	23.3307, 22.6670, 31.5793
YIQ	132.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

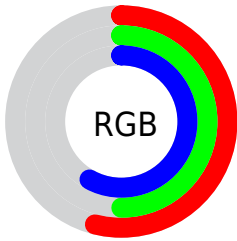
Format	Color
R_{YB}	137, 127, 149
Decimal	9011093
CIE _{Lab}	54.73, 8.20, -10.44
CIE _{LCh}	55, 13.279, 308.153
Yxy	22.6670, 0.3007, 0.2922
Android (android.graphics.Color)	4287201173 (0xFF897F95)
YUV	132.4980, 8.1355, 3.9483
Hunter-Lab	47.6099, 4.1547, -5.9997

Details

The XYZ color **23.3307, 22.6670, 31.5793** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2265, 28.5168, 24.2544**, and the grayscale version is **22.0844, 23.2345, 25.3023**.

A 20% lighter version of the original color is **48.3360, 47.9015, 63.1982**, and **8.8595, 8.3569, 12.7014** is the 20% darker color. If you saturate the color by 10%, you get **20.2645, 18.4382, 30.9250**, and if you desaturate by 10%, it is **26.7833, 27.5186, 32.3341**.

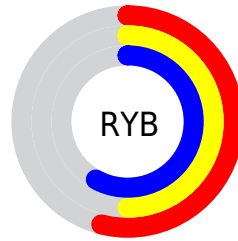
Distribution



Red (54%)

Green (50%)

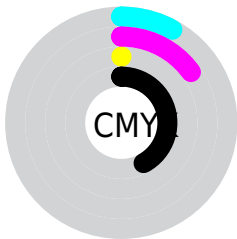
Blue (58%)



Red (54%)

Yellow (50%)

Blue (58%)

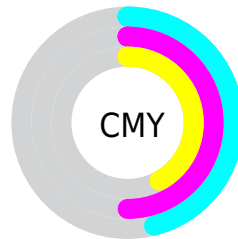


Cyan (8%)

Magenta (15%)

Yellow (0%)

Black (42%)



Cyan (46%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3307, 22.6670, 31.5793 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 23.3307, 22.6670, 31.5793 by changing the saturation by 10% instead.

■ 23.3307, 22.6670,
31.5793

■ 23.3307, 22.6670,
31.5793

261.9227,
266.0100, 323.6318

■ 14.9599, 14.3478,
20.7782

■ 48.3984, 47.8460,
63.2412

■ 8.8774, 8.3630,
12.7723

■ 65.8261, 65.4745,
84.9391

■ 4.7178, 4.3281,
7.1431

■ 87.0035, 86.9750,
111.1064

■ 2.1157, 1.8587,
3.4719

112.2958,
112.7318, 142.1615

■ 0.6977, 0.5234,
1.3404

142.0686,
143.1293, 178.5231

■ 0.0000, 0.0000,
0.0945

176.6871,

■ 0.0000, 0.0000,

178.5519, 220.6096

0.0000

216.5167,
219.3840, 268.8397

■ 23.3307, 22.6670,
31.5793

■ 23.3307, 22.6670,
31.5793

■ 20.2645, 18.4382,
30.9250

■ 26.7833, 27.5186,
32.3341

■ 17.5679, 14.8035,
30.3656

■ 30.6340, 33.0147,
33.1920

■ 15.2260, 11.7357,
29.8969

■ 34.8966, 39.1793,
34.1573

■ 13.2220, 9.2048,
29.5140

■ 39.5836, 46.0344,
35.2334

■ 11.5375, 7.1775,
29.2114

■ 44.7069, 53.6009,
36.4239

10.1520, 5.6170,
28.9833

50.2778, 61.8989,
37.7319

9.0426, 4.4811,
28.8225

56.3075, 70.9476,
39.1607

8.1804, 3.7162,
28.7203

62.8064, 80.7655,
40.7132

7.7894, 3.3889,
28.6777

67.8066, 87.4140,
41.7329

Harmonies

Analogous

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



21.9460, 22.6670, 33.5531



23.3307, 22.6670, 31.5793



24.2645, 22.6670, 27.8042

Triad

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



23.3307, 22.6670, 31.5793



22.6091, 22.6670, 17.9277



18.8759, 22.6670, 25.8416

Complementary

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



23.3307, 22.6670, 31.5793



25.2265, 28.5168, 24.2544

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.



19.0354, 22.6670, 21.8000



23.3307, 22.6670, 31.5793



21.1475, 22.6670, 17.5286

Square

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



23.3307, 22.6670, 31.5793



23.8349, 22.6670, 20.0272



19.8515, 22.6670, 18.8676



19.4054, 22.6670, 30.0040

Rectangle

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



23.3307, 22.6670, 31.5793



24.4824, 22.6670, 24.9414



19.8515, 22.6670, 18.8676



18.8512, 22.6670, 24.4215

Sweetspot

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



23.3314, 22.6680, 31.5798



48.4125, 49.9161, 58.0044



23.4251, 25.1770, 32.0591



10.6274, 10.9183, 12.8322



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.



23.3314, 22.6680, 31.5798



39.7267, 37.7409, 56.1122



25.2095, 23.6362, 31.6677



5.7349, 5.7543, 7.2782



6.5893, 2.8695, 24.1376



0.1139, 0.0523, 0.2970

Inverse Universe

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



24.6448, 23.4333, 27.6513



42.6109, 39.4224, 47.4540



23.4961, 27.6247, 24.1735



5.9252, 5.8651, 6.7121



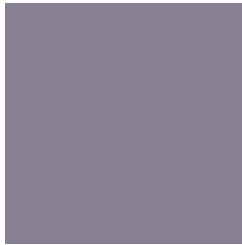
11.7056, 5.8873, 7.1966



0.1582, 0.0780, 0.1665

Previews

White Background



This preview shows how the XYZ color 23.3307, 22.6670, 31.5793 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 23.3307, 22.6670, 31.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

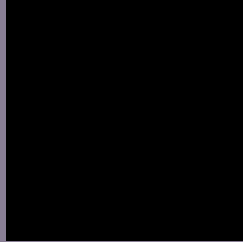
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3307, 22.6670, 31.5793

Background



This preview shows how black text looks on a background with the XYZ color 23.3307, 22.6670, 31.5793.



This preview shows how white text looks on a background with the XYZ color 23.3307, 22.6670,

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

23.3307, 22.6670, 31.5793

Protanopia

22.3209, 22.7117, 32.4855

Deuteranopia

23.1357, 22.7592, 31.6073



Tritanopia

22.5021, 22.7155, 27.6246

Trichromacy



Original Color

23.3307, 22.6670, 31.5793

Protanomaly

22.7154, 22.7278, 32.0438

Deuteranomaly

23.2973, 22.8425, 31.6149

Tritanomaly

22.8304, 22.6558, 29.1563

Monochromacy



Original Color

23.3307, 22.6670, 31.5793

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6080, 23.1650, 27.7058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3307, 22.6670, 31.5793 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(137, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 127, 149)  
}
```

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(137, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.3307, 22.6670, 31.5793 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(137, 127, 149) }
```


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

```
.border{ border-color:rgb(137, 127, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 127, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 127, 149);  
box-shadow:4px 4px 4px 4px rgb(137, 127,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3307, 22.6670, 31.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 149) }
```

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

```
.background{ background-color: rgb(137,  
127, 149) }
```

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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