

Converting Colors

XYZ(23.3489, 23.0729, 31.2399)

Have a look what the booklet for
XYZ(23.3489, 23.0729, 31.2399)
contains.

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Color

**XYZ(23.3489, 23.0729,
31.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	888194
RGB	136, 129, 148
RGB Percent	53%, 51%, 58%
CMY	0.4667, 0.4941, 0.4196
CMYK	0.08, 0.13, 0.00, 0.42
HSL	262°, 8%, 54%
HSV	262°, 13%, 58%
XYZ	23.3489, 23.0729, 31.2399
YIQ	133.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

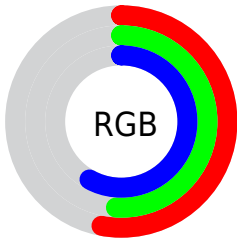
Format	Color
R_{YB}	136, 129, 148
Decimal	8946068
CIE _{Lab}	55.15, 6.48, -9.24
CIE _{LCh}	55, 11.286, 305.016
Yxy	23.0729, 0.3006, 0.2971
Android (android.graphics.Color)	4287136148 (0xFF888194)
YUV	133.2590, 7.2673, 2.4039
Hunter-Lab	48.0343, 2.7068, -4.9363

Details

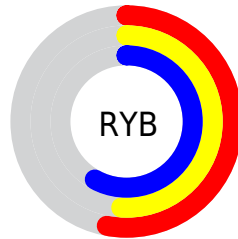
The XYZ color **23.3489, 23.0729, 31.2399** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5378, 28.4282, 24.9112**, and the grayscale version is **22.3641, 23.5288, 25.6229**.

A 20% lighter version of the original color is **48.3749, 48.5390, 62.6964**, and **8.8641, 8.5788, 12.4980** is the 20% darker color. If you saturate the color by 10%, you get **20.0864, 18.7041, 30.5689**, and if you desaturate by 10%, it is **27.0276, 28.0767, 32.0122**.

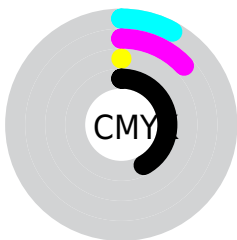
Distribution



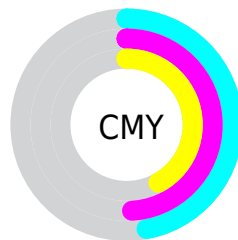
- Red (53%)
- Green (51%)
- Blue (58%)



- Red (53%)
- Yellow (51%)
- Blue (58%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (47%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3489, 23.0729, 31.2399 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 23.3489, 23.0729, 31.2399 by changing the saturation by 10% instead.

■ 23.3489, 23.0729,
31.2399

■ 23.3489, 23.0729,
31.2399

262.0140,
268.0992, 322.0274

■ 14.9735, 14.6473,
20.5216

■ 48.4280, 48.5130,
62.7016

■ 8.8870, 8.5723,
12.5869

■ 65.8624, 66.2963,
84.2820

■ 4.7240, 4.4633,
7.0174

■ 87.0472, 87.9677,
110.3203

■ 2.1194, 1.9359,
3.3943

112.3477,
113.9116, 141.2349

■ 0.6997, 0.5698,
1.2993

142.1293,
144.5122, 177.4443

■ 0.0000, 0.0000,
0.0613

176.7573,

■ 0.0000, 0.0000,

180.1541, 219.3672

0.0000

216.5971,
221.2217, 267.4220

■ 23.3489, 23.0729,
31.2399

■ 23.3489, 23.0729,
31.2399

■ 20.0864, 18.7041,
30.5689

■ 27.0276, 28.0767,
32.0122

■ 17.2226, 14.9414,
29.9936

■ 31.1351, 33.7370,
32.8883

■ 14.7417, 11.7582,
29.5099

■ 35.6859, 40.0778,
33.8723

■ 12.6260, 9.1244,
29.1131

■ 40.6932, 47.1210,
34.9679

■ 10.8564, 7.0075,
28.7977

■ 46.1697, 54.8877,
36.1783

■ 9.4117, 5.3710,
28.5580

■ 52.1275, 63.3978,
37.5069

■ 8.2682, 4.1738,
28.3872

■ 58.5783, 72.6706,
38.9568

■ 7.3982, 3.3674,
28.2774

■ 65.5334, 82.7248,
40.5309

■ 6.8945, 2.9368,
28.2208

■ 70.6622, 88.8952,
41.4516

Harmonies

Analogous

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



22.1425, 23.0729, 32.6822



23.3489, 23.0729, 31.2399



24.1987, 23.0729, 28.1664

Triad

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



23.3489, 23.0729, 31.2399



22.9687, 23.0729, 19.3469



19.6056, 23.0729, 25.7336

Complementary

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



23.3489, 23.0729, 31.2399



25.5378, 28.4282, 24.9112

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.



19.8079, 23.0729, 22.3062



23.3489, 23.0729, 31.2399



21.7191, 23.0729, 18.8288

Square

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



23.3489, 23.0729, 31.2399



23.9733, 23.0729, 21.3501



20.5700, 23.0729, 19.8608



20.0064, 23.0729, 29.3149

Rectangle

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



23.3489, 23.0729, 31.2399



24.4316, 23.0729, 25.7297



20.5700, 23.0729, 19.8608



19.6055, 23.0729, 24.5249

Sweetspot

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



23.3496, 23.0739, 31.2404



46.8404, 48.3792, 56.3039



23.9292, 25.8657, 31.7487



10.5846, 10.8962, 12.8301



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.



23.3496, 23.0739, 31.2404



39.7134, 38.7109, 54.8134



24.9558, 23.9019, 31.3156



5.6892, 5.7308, 7.2760



5.9170, 2.5229, 24.1061



0.1029, 0.0466, 0.2965

Inverse Universe

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



24.8716, 23.9206, 28.5068



42.8764, 40.4713, 49.0976



23.9961, 27.6334, 24.8391



5.9456, 5.8733, 6.8196



12.1511, 6.0655, 9.5425



0.1630, 0.0799, 0.1919

Previews

White Background



This preview shows how the XYZ color 23.3489, 23.0729, 31.2399 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 23.3489, 23.0729, 31.2399 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 23.3489, 23.0729, 31.2399

Background



This preview shows how black text looks on a background with the XYZ color 23.3489, 23.0729, 31.2399.



This preview shows how white text looks on a background with the XYZ color 23.3489, 23.0729,

31.2399.

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

23.3489, 23.0729, 31.2399

Protanopia

22.5944, 23.0697, 31.6958

Deuteranopia

23.5121, 23.1570, 31.2475



Tritanopia

22.7820, 23.0392, 28.4456

Trichromacy



Original Color

23.3489, 23.0729, 31.2399

Protanomaly

22.9232, 23.0407, 31.6729

Deuteranomaly

23.5121, 23.1570, 31.2475

Tritanomaly

23.0083, 23.1298, 29.6374

Monochromacy



Original Color

23.3489, 23.0729, 31.2399

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6702, 23.4058, 27.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3489, 23.0729, 31.2399 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(136, 129, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 129, 148)  
}
```

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(136, 129, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 129, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.3489, 23.0729, 31.2399 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(136, 129, 148) }
```


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

```
.border{ border-color:rgb(136, 129, 148) }
```

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

Here you see how a box with a 4 pixel rgb(136, 129, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 129, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 129, 148);  
box-shadow:4px 4px 4px 4px rgb(136, 129,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3489, 23.0729, 31.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 129, 148) }
```

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

```
.background{ background-color: rgb(136,  
129, 148) }
```

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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