

Converting Colors

XYZ(23.0023, 23.2328, 33.8439)

Have a look what the booklet for
XYZ(23.0023, 23.2328, 33.8439)
contains.

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Color

**XYZ(23.0023, 23.2328,
33.8439)**

Conversions

Conversions Part 1

Format	Color
Hex	81839A
RGB	129, 131, 154
RGB Percent	51%, 51%, 60%
CMY	0.4941, 0.4863, 0.3961
CMYK	0.16, 0.15, 0.00, 0.40
HSL	235°, 11%, 55%
HSV	235°, 16%, 60%
XYZ	23.0023, 23.2328, 33.8439
YIQ	133.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

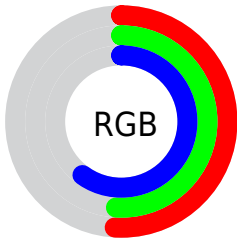
Format	Color
R_{YB}	129, 131, 154
Decimal	8487834
CIE _{Lab}	55.31, 4.21, -12.53
CIE _{LCh}	55, 13.217, 288.582
Yxy	23.2328, 0.2872, 0.2901
Android (android.graphics.Color)	4286677914 (0xFF81839A)
YUV	133.0240, 10.3412, -3.5290
Hunter-Lab	48.2004, 0.8334, -7.8902

Details

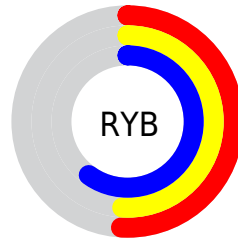
The XYZ color **23.0023, 23.2328, 33.8439** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5173, 30.9115, 25.2329**, and the grayscale version is **22.2694, 23.4291, 25.5143**.

A 20% lighter version of the original color is **47.8171, 48.7801, 66.5698**, and **8.6899, 8.6761, 14.0486** is the 20% darker color. If you saturate the color by 10%, you get **19.0627, 18.5682, 33.1516**, and if you desaturate by 10%, it is **27.5561, 28.6015, 34.6405**.

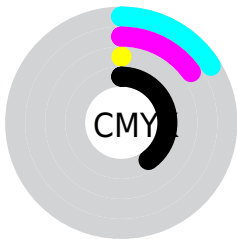
Distribution



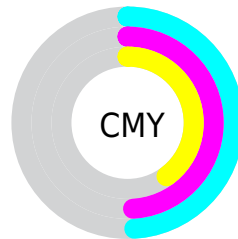
- Red (51%)
- Green (51%)
- Blue (60%)



- Red (51%)
- Yellow (51%)
- Blue (60%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0023, 23.2328, 33.8439 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 23.0023, 23.2328, 33.8439 by changing the saturation by 10% instead.

■ 23.0023, 23.2328,
33.8439

■ 23.0023, 23.2328,
33.8439

260.2719,
268.9185, 334.1833

■ 14.7159, 14.7655,
22.4973

■ 47.8637, 48.7753,
66.8220

■ 8.7053, 8.6550,
14.0210

■ 65.1695, 66.6193,
89.2905

■ 4.6050, 4.5168,
7.9963

■ 86.2124, 88.3576,
116.3035

■ 2.0498, 1.9667,
4.0049

111.3578,
114.3747, 148.2794

■ 0.6617, 0.5880,
1.6280

140.9712,
145.0550, 185.6368

■ 0.0000, 0.0000,
0.3107

175.4177,

■ 0.0000, 0.0000,

180.7827, 228.7942

0.0000

215.0628,
221.9424, 278.1702

■ 23.0023, 23.2328,
33.8439

■ 23.0023, 23.2328,
33.8439

■ 19.0627, 18.5682,
33.1516

■ 27.5561, 28.6015,
34.6405

■ 15.7089, 14.5757,
32.5577

■ 32.7467, 34.6988,
35.5438

■ 12.9136, 11.2251,
32.0583

■ 38.5979, 41.5515,
36.5582

■ 10.6463, 8.4829,
31.6485

■ 45.1319, 49.1844,
37.6871

■ 8.8736, 6.3124,
31.3230

■ 52.3698, 57.6209,
38.9340

■ 7.5585, 4.6730,
31.0759

■ 60.3318, 66.8836,
40.3022

■ 6.6583, 3.5188,
30.9005

■ 69.0371, 76.9940,
41.7949

■ 6.1163, 2.7924,
30.7889

■ 78.5044, 87.9732,
43.4151

■ 5.9683, 2.6041,
30.7603

■ 82.8328, 95.1131,
44.5652

Harmonies

Analogous

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



21.5230, 23.2328, 34.1653



23.0023, 23.2328, 33.8439



24.2878, 23.2328, 31.0863

Triad

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



23.0023, 23.2328, 33.8439



24.0206, 23.2328, 19.6588



19.4060, 23.2328, 23.7157

Complementary

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



23.0023, 23.2328, 33.8439



28.5173, 30.9115, 25.2329

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.



20.0141, 23.2328, 20.2744



23.0023, 23.2328, 33.8439



22.6508, 23.2328, 18.1131

Square

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



23.0023, 23.2328, 33.8439



24.8936, 23.2328, 22.7849



21.1867, 23.2328, 18.3251



19.4906, 23.2328, 27.9863

Rectangle

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



23.0023, 23.2328, 33.8439



24.8415, 23.2328, 28.3940



21.1867, 23.2328, 18.3251



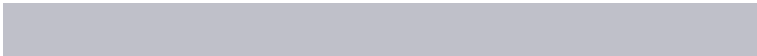
19.5350, 23.2328, 22.4330

Sweetspot

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



23.0030, 23.2338, 33.8444



51.0666, 53.1437, 63.1026



26.2700, 30.0431, 34.0847



11.4262, 11.8730, 14.2599



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.0030, 23.2338, 33.8444



39.4153, 39.4025, 61.0643



24.4007, 23.5591, 33.8335



5.9223, 6.1019, 7.7946



4.8744, 2.1454, 25.0649



0.0821, 0.0506, 0.3778

Inverse Universe

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



25.2740, 24.2098, 24.8146



44.2416, 41.4983, 41.8694



26.9475, 30.5885, 25.2533



6.2279, 6.2303, 6.5801



10.9191, 5.6219, 0.8332



0.1679, 0.0859, 0.0370

Previews

White Background



This preview shows how the XYZ color 23.0023, 23.2328, 33.8439 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 23.0023, 23.2328, 33.8439 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 23.0023, 23.2328, 33.8439

Background



This preview shows how black text looks on a background with the XYZ color 23.0023, 23.2328, 33.8439.



This preview shows how white text looks on a background with the XYZ color 23.0023, 23.2328,

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

23.0023, 23.2328, 33.8439

Protanopia

22.8511, 23.1549, 33.8368

Deuteranopia

23.6747, 23.1845, 33.7991



Tritanopia

22.0979, 23.2703, 29.3135

Trichromacy



Original Color

23.0023, 23.2328, 33.8439

Protanomaly

22.8511, 23.1549, 33.8368

Deuteranomaly

23.4882, 23.2849, 33.8283

Tritanomaly

22.4198, 23.1983, 30.8998

Monochromacy



Original Color

23.0023, 23.2328, 33.8439

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5747, 23.3311, 28.5128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0023, 23.2328, 33.8439 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(129, 131, 154)` looks like.

```
.text, #text, p{  
    color:rgb(129, 131, 154)  
}
```

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(129, 131, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 131, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.0023, 23.2328, 33.8439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

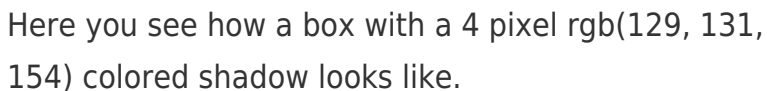
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 131, 154) }
```


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

```
.border{ border-color:rgb(129, 131, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 131, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 131, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 131, 154); box-shadow:4px 4px 4px 4px rgb(129, 131, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0023, 23.2328, 33.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 131, 154) }
```

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

```
.background{ background-color: rgb(129,  
131, 154) }
```

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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