

Converting Colors

XYZ(23.2694, 23.5165, 30.8986)

Have a look what the booklet for
XYZ(23.2694, 23.5165, 30.8986)
contains.

XYZ(23.2143, 23.4075, 30.8983)	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(23.2143, 23.4075,
30.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	868393
RGB	134, 131, 147
RGB Percent	53%, 51%, 58%
CMY	0.4745, 0.4863, 0.4235
CMYK	0.09, 0.11, 0.00, 0.42
HSL	251°, 7%, 55%
HSV	251°, 11%, 58%
XYZ	23.2143, 23.4075, 30.8983
YIQ	133.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

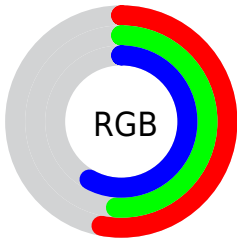
Format	Color
R_{YB}	134, 131, 147
Decimal	8815507
CIE Lab	55.49, 4.40, -8.17
CIE LCh	55, 9.278, 298.291
Yxy	23.4075, 0.2995, 0.3020
Android (android.graphics.Color)	4287005587 (0xFF868393)
YUV	133.7210, 6.5465, 0.2447
Hunter-Lab	48.3813, 0.9805, -3.9981

Details

The XYZ color **23.2143, 23.4075, 30.8983** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.0328, 28.4360, 25.5904**, and the grayscale version is **22.5358, 23.7095, 25.8196**.

A 20% lighter version of the original color is **48.1766, 49.0628, 62.1892**, and **8.7848, 8.7639, 12.2949** is the 20% darker color. If you saturate the color by 10%, you get **19.5810, 18.8091, 30.2026**, and if you desaturate by 10%, it is **27.3442, 28.6790, 31.6985**.

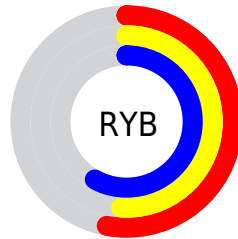
Distribution



Red (53%)

Green (51%)

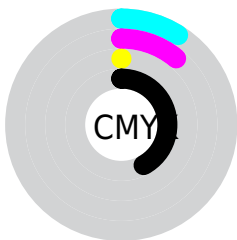
Blue (58%)



Red (53%)

Yellow (51%)

Blue (58%)

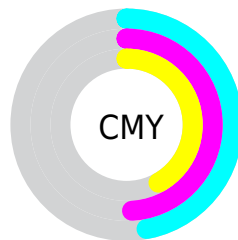


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2143, 23.4075, 30.8983 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 23.2143, 23.4075, 30.8983 by changing the saturation by 10% instead.

■ 23.2143, 23.4075,
30.8983

■ 23.2143, 23.4075,
30.8983

261.3386,
269.8111, 320.4062

■ 14.8734, 14.8947,
20.2636

■ 48.2090, 49.0616,
62.1576

■ 8.8163, 8.7455,
12.4008

■ 65.5936, 66.9716,
83.6193

■ 4.6777, 4.5756,
6.8914

■ 86.7234, 88.7829,
109.5271

■ 2.0922, 2.0005,
3.3169

111.9638,
114.8798, 140.2995

■ 0.6850, 0.6077,
1.2586

141.6801,
145.6466, 176.3551

■ 0.0000, 0.0000,
0.0275

176.2378,

■ 0.0000, 0.0000,

181.4679, 218.1124

0.0000

216.0022,
222.7279, 265.9899

■ 23.2143, 23.4075,
30.8983

■ 23.2143, 23.4075,
30.8983

■ 19.5810, 18.8091,
30.2026

■ 27.3442, 28.6790,
31.6985

■ 16.4233, 14.8537,
29.6055

■ 31.9865, 34.6463,
32.6056

■ 13.7219, 11.5133,
29.1031

■ 37.1587, 41.3346,
33.6240

■ 11.4553, 8.7566,
28.6905

■ 42.8771, 48.7668,
34.7572

■ 9.6001, 6.5497,
28.3623

■ 49.1570, 56.9651,
36.0086

■ 8.1308, 4.8550,
28.1127

■ 56.0133, 65.9506,
37.3816

■ 7.0188, 3.6300,
27.9348

■ 63.4604, 75.7435,
38.8793

■ 6.2314, 2.8254,
27.8210

■ 71.5119, 86.3635,
40.5048

■ 5.7333, 2.3472,
27.7550

■ 77.4747, 92.4163,
41.3589

Harmonies

Analogous

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



22.1883, 23.4075, 31.6836



23.2143, 23.4075, 30.8983



24.0020, 23.4075, 28.6332

Triad

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



23.2143, 23.4075, 30.8983



23.3212, 23.4075, 20.8971



20.2992, 23.4075, 25.3156

Complementary

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



23.2143, 23.4075, 30.8983



26.0328, 28.4360, 25.5904

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.



20.5818, 23.4075, 22.5797



23.2143, 23.4075, 30.8983



22.3081, 23.4075, 20.1557

Square

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



23.2143, 23.4075, 30.8983



24.0651, 23.4075, 22.8550



21.3091, 23.4075, 20.7472



20.5250, 23.4075, 28.3132

Rectangle

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



23.2143, 23.4075, 30.8983



24.2746, 23.4075, 26.6727



21.3091, 23.4075, 20.7472



20.3377, 23.4075, 24.3365

Sweetspot

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



23.2150, 23.4085, 30.8988



47.2807, 49.1982, 56.4388



24.6106, 26.8992, 31.4990



10.6600, 11.0606, 12.8579



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.



23.2150, 23.4085, 30.8988



39.9432, 39.8494, 55.0211



24.5274, 24.0850, 30.9602



5.5949, 5.6822, 7.2716



4.9869, 2.0434, 24.0626



0.0798, 0.0347, 0.2954

Inverse Universe

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



25.1837, 24.4502, 29.7785



44.1813, 42.0927, 52.5800



24.6953, 27.7465, 25.5278



5.9892, 5.8907, 7.0492



13.3502, 6.5451, 15.8570



0.1731, 0.0840, 0.2451

Previews

White Background



This preview shows how the XYZ color 23.2143, 23.4075, 30.8983 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 23.2143, 23.4075, 30.8983 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 23.2143, 23.4075, 30.8983

Background



This preview shows how black text looks on a background with the XYZ color 23.2143, 23.4075, 30.8983.



This preview shows how white text looks on a background with the XYZ color 23.2143, 23.4075,

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

23.2143, 23.4075, 30.8983

Protanopia

22.9566, 23.4659, 31.3364

Deuteranopia

23.7642, 23.2961, 30.8478



Tritanopia

22.8066, 23.4421, 28.9139

Trichromacy



Original Color

23.2143, 23.4075, 30.8983

Protanomaly

23.1123, 23.5462, 31.3437

Deuteranomaly

23.5656, 23.3902, 30.8765

Tritanomaly

22.9582, 23.5027, 29.7120

Monochromacy



Original Color

23.2143, 23.4075, 30.8983

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8792, 23.7075, 27.7962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2143, 23.4075, 30.8983 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(134, 131, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 131, 147)  
}
```

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(134, 131, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 131, 147) }
```

Border

The CSS property to change the border of an element to XYZ 23.2143, 23.4075, 30.8983 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(134, 131, 147) }
```


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

```
.border{ border-color:rgb(134, 131, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 131, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 131, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 131, 147);  
box-shadow:4px 4px 4px 4px rgb(134, 131,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2143, 23.4075, 30.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 131, 147) }
```

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

```
.background{ background-color: rgb(134,  
131, 147) }
```

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