

Converting Colors

XYZ(24.0715, 23.2496, 31.3200)

Have a look what the booklet for
XYZ(24.0715, 23.2496, 31.3200)
contains.

XYZ(24.0490, 23.2392, 31.2351)	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(24.0490, 23.2392,
31.2351)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8094
RGB	141, 128, 148
RGB Percent	55%, 50%, 58%
CMY	0.4471, 0.4980, 0.4196
CMYK	0.05, 0.14, 0.00, 0.42
HSL	279°, 9%, 54%
HSV	279°, 14%, 58%
XYZ	24.0490, 23.2392, 31.2351
YIQ	134.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

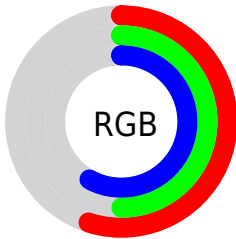
Format	Color
R_{YB}	141, 128, 148
Decimal	9273492
CIE Lab	55.32, 8.84, -8.94
CIE LCh	55, 12.574, 314.671
Yxy	23.2392, 0.3063, 0.2960
Android (android.graphics.Color)	4287463572 (0xFF8D8094)
YUV	134.1670, 6.8197, 5.9925
Hunter-Lab	48.2071, 4.6858, -4.6712

Details

The XYZ color **24.0490, 23.2392, 31.2351** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4787, 27.8898, 24.5163**, and the grayscale version is **22.6973, 23.8794, 26.0046**.

A 20% lighter version of the original color is **49.6902, 48.9141, 62.6995**, and **9.2680, 8.6792, 12.4960** is the 20% darker color. If you saturate the color by 10%, you get **21.3975, 19.2131, 30.5981**, and if you desaturate by 10%, it is **27.0247, 27.8518, 31.9689**.

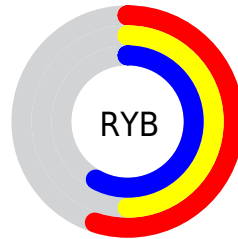
Distribution



Red (55%)

Green (50%)

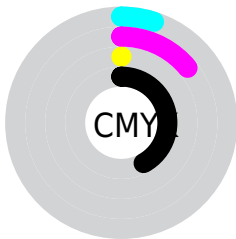
Blue (58%)



Red (55%)

Yellow (50%)

Blue (58%)

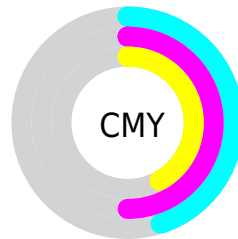


Cyan (5%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (45%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0490, 23.2392, 31.2351 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 24.0490, 23.2392, 31.2351 by changing the saturation by 10% instead.

■ 24.0490, 23.2392,
31.2351

■ 24.0490, 23.2392,
31.2351

265.5040,
268.9512, 322.0046

■ 15.4949, 14.7702,
20.5180

■ 49.5642, 48.7858,
62.6939

■ 9.2560, 8.6583,
12.5843

■ 67.2561, 66.6322,
84.2727

■ 4.9670, 4.5190,
7.0156

■ 88.7246, 88.3732,
110.3091

■ 2.2625, 1.9679,
3.3933

114.3351,
114.3932, 141.2217

■ 0.7754, 0.5887,
1.2988

144.4529,
145.0767, 177.4290

■ 0.0000, 0.0000,
0.0608

179.4434,

■ 0.0000, 0.0000,

180.8079, 219.3496

0.0000

219.6720,
221.9712, 267.4019

■ 24.0490, 23.2392,
31.2351

■ 24.0490, 23.2392,
31.2351

■ 21.3975, 19.2131,
30.5981

■ 27.0247, 27.8518,
31.9689

■ 19.0553, 15.7458,
30.0523

■ 30.3345, 33.0708,
32.8019

■ 17.0097, 12.8120,
29.5938

■ 33.9904, 38.9192,
33.7380

■ 15.2459, 10.3833,
29.2180

■ 38.0030, 45.4177,
34.7809

■ 13.7479, 8.4283,
28.9196

■ 42.3827, 52.5860,
35.9337

■ 12.4979, 6.9123,
28.6929

■ 47.1394, 60.4430,
37.1995

■ 11.4754, 5.7956,
28.5312

■ 52.2823, 69.0068,
38.5814

■ 10.6563, 5.0308,
28.4267

■ 57.8208, 78.2951,
40.0823

■ 10.1900, 4.6356,
28.3751

■ 61.7522, 84.3020,
41.0346

Harmonies

Analogous

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



22.7817, 23.2392, 33.5803



24.0490, 23.2392, 31.2351



24.8066, 23.2392, 27.4117

Triad

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



24.0490, 23.2392, 31.2351



22.8125, 23.2392, 18.5313



19.5685, 23.2392, 27.3208

Complementary

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



24.0490, 23.2392, 31.2351



24.4787, 27.8898, 24.5163

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.



19.5759, 23.2392, 23.3064



24.0490, 23.2392, 31.2351



21.4088, 23.2392, 18.5125

Square

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



24.0490, 23.2392, 31.2351



24.0723, 23.2392, 20.2292



20.2369, 23.2392, 20.1749



20.2161, 23.2392, 31.1625

Rectangle

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



24.0490, 23.2392, 31.2351



24.9012, 23.2392, 24.6767



20.2369, 23.2392, 20.1749



19.4954, 23.2392, 25.9409

Sweetspot

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



24.0497, 23.2402, 31.2356



47.3693, 48.6518, 56.3287



22.9589, 24.1494, 31.4686



10.7255, 10.9689, 12.8367



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.



24.0497, 23.2402, 31.2356



41.0635, 38.9083, 54.7804



25.0692, 23.7899, 30.1941



5.8403, 5.8086, 7.2831



8.7338, 3.9750, 24.2380



0.1389, 0.0651, 0.2982

Inverse Universe

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



24.3059, 23.4846, 26.1747



41.6177, 39.4304, 44.1260



23.5670, 27.3993, 25.4020



5.8796, 5.8469, 6.4723



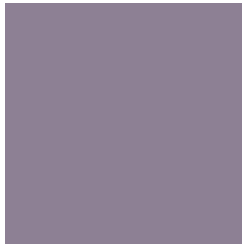
10.9693, 5.5928, 3.3192



0.1472, 0.0736, 0.1090

Previews

White Background



This preview shows how the XYZ color 24.0490, 23.2392, 31.2351 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 24.0490, 23.2392, 31.2351 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 24.0490, 23.2392, 31.2351

Background



This preview shows how black text looks on a background with the XYZ color 24.0490, 23.2392, 31.2351.



This preview shows how white text looks on a background with the XYZ color 24.0490, 23.2392,

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

24.0490, 23.2392, 31.2351

Protanopia

22.9622, 23.4504, 32.1703

Deuteranopia

23.6768, 23.2419, 31.2552



Tritanopia

23.3991, 23.1694, 28.0498

Trichromacy



Original Color

24.0490, 23.2392, 31.2351

Protanomaly

23.3726, 23.4709, 31.7322

Deuteranomaly

23.8430, 23.3276, 31.2630

Tritanomaly

23.6234, 23.2591, 29.2310

Monochromacy



Original Color

24.0490, 23.2392, 31.2351

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2280, 23.6850, 27.7735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0490, 23.2392, 31.2351 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(141, 128, 148)` looks like.

```
.text, #text, p{  
    color:rgb(141, 128, 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(141, 128, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 128, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.0490, 23.2392, 31.2351 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(141, 128, 148) }
```


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

```
.border{ border-color:rgb(141, 128, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 128, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 128, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 128, 148);  
box-shadow:4px 4px 4px 4px rgb(141, 128,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0490, 23.2392, 31.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 128, 148) }
```

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

```
.background{ background-color: rgb(141,  
128, 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](#).

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