

Converting Colors

XYZ(24.4309, 24.4489, 24.6857)

Have a look what the booklet for
XYZ(24.4309, 24.4489, 24.6857)
contains.

XYZ(24.3132, 24.3173, 24.5314)	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(24.3132, 24.3173,
24.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	938482
RGB	147, 132, 130
RGB Percent	58%, 52%, 51%
CMY	0.4235, 0.4823, 0.4902
CMYK	0.00, 0.10, 0.12, 0.42
HSL	7°, 7%, 54%
HSV	7°, 12%, 58%
XYZ	24.3132, 24.3173, 24.5314
YIQ	136.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

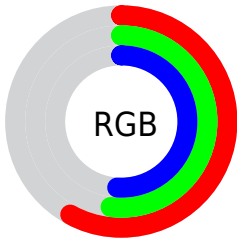
Format	Color
R _Y B	147, 132, 130
Decimal	9667714
CIE Lab	56.40, 5.31, 3.14
CIE LCh	56, 6.169, 30.561
Yxy	24.3173, 0.3323, 0.3324
Android (android.graphics.Color)	4287857794 (0xFF938482)
YUV	136.2570, -3.0847, 9.4216
Hunter-Lab	49.3126, 1.7111, 5.0240

Details

The XYZ color **24.3132, 24.3173, 24.5314** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5978, 27.1028, 31.5390**, and the grayscale version is **23.5073, 24.7316, 26.9327**.

A 20% lighter version of the original color is **49.9836, 50.5343, 51.9194**, and **9.4023, 9.2674, 9.0778** is the 20% darker color. If you saturate the color by 10%, you get **21.7457, 20.6499, 19.1503**, and if you desaturate by 10%, it is **27.2417, 28.4805, 30.7289**.

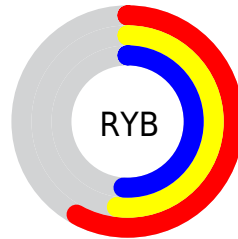
Distribution



Red (58%)

Green (52%)

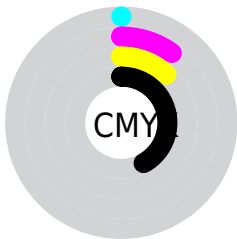
Blue (51%)



Red (58%)

Yellow (52%)

Blue (51%)

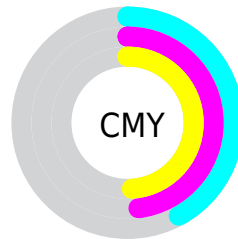


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3132, 24.3173, 24.5314 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 24.3132, 24.3173, 24.5314 by changing the saturation by 10% instead.

■ 24.3132, 24.3173,
24.5314

■ 24.3132, 24.3173,
24.5314

266.8113,
274.4207, 288.8688

■ 15.6921, 15.5692,
15.5124

■ 49.9918, 50.5475,
51.8506

■ 9.3960, 9.2198,
9.0292

■ 67.7800, 68.7983,
70.9880

■ 5.0595, 4.8848,
4.6632

■ 89.3546, 90.9855,
94.3353

■ 2.3174, 2.1798,
1.9958

115.0810,
117.4935, 122.3110

■ 0.8035, 0.7090,
0.5527

145.3245,
148.7066, 155.3336

■ 0.0000, 0.0000,
0.0000

180.4505,

185.0092, 193.8218

220.8243,
226.7858, 238.1940

■ 24.3132, 24.3173,
24.5314

■ 24.3132, 24.3173,
24.5314

■ 21.7457, 20.6499,
19.1503

■ 27.2417, 28.4805,
30.7289

■ 19.5231, 17.4567,
14.5502

■ 30.5424, 33.1537,
37.7733

■ 17.6315, 14.7194,
10.6950

■ 34.2284, 38.3545,
45.6954

■ 16.0547, 12.4170,
7.5456

■ 38.3116, 44.0987,
54.5239

■ 14.7757, 10.5271,
5.0591

■ 42.8034, 50.4014,
64.2863

■ 13.7753, 9.0252,
3.1878

■ 47.7149, 57.2772,
75.0089

■ 13.0325, 7.8842,
1.8779

■ 53.0564, 64.7401,
86.7169

■ 12.5230, 7.0734,
1.0661

■ 58.8382, 72.8035,
99.4348

■ 12.2382, 6.6139,
0.6316

■ 63.8719, 81.0013,
106.8762

Harmonies

Analogous

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



24.5106, 24.3173, 26.4390



24.3132, 24.3173, 24.5314



23.7930, 24.3173, 23.2041

Triad

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



24.3132, 24.3173, 24.5314



21.9397, 24.3173, 24.5947



23.1263, 24.3173, 30.5994

Complementary

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



24.3132, 24.3173, 24.5314



24.5978, 27.1028, 31.5390

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.



22.4458, 24.3173, 30.0449



24.3132, 24.3173, 24.5314



21.7693, 24.3173, 26.5159

Square

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



24.3132, 24.3173, 24.5314



22.4230, 24.3173, 23.2394



21.9527, 24.3173, 28.5237



23.8167, 24.3173, 30.0031

Rectangle

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



24.3132, 24.3173, 24.5314



23.3384, 24.3173, 22.7912



21.9527, 24.3173, 28.5237



22.8888, 24.3173, 30.5411

Sweetspot

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



24.3139, 24.3184, 24.5319



47.9586, 49.8305, 53.2737



25.1277, 24.2136, 30.1445



10.8526, 11.2400, 11.9590



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.



24.3139, 24.3184, 24.5319



42.2269, 41.6748, 41.1657



25.5111, 26.7129, 24.9310



5.8526, 5.9190, 6.0745



10.6202, 5.7549, 0.5511



0.1407, 0.0919, 0.0103

Inverse Universe

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



24.5978, 27.1028, 31.5390



42.8433, 47.7232, 56.3880



23.3499, 24.6070, 31.1231



5.9064, 6.4468, 7.4028



11.4615, 15.6178, 26.3415



0.1536, 0.2177, 0.3268

Previews

White Background



This preview shows how the XYZ color 24.3132, 24.3173, 24.5314 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 24.3132, 24.3173, 24.5314 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

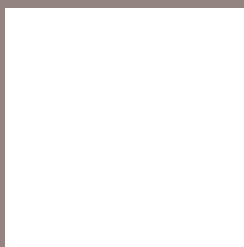
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3132, 24.3173, 24.5314

Background



This preview shows how black text looks on a background with the XYZ color 24.3132, 24.3173, 24.5314.



This preview shows how white text looks on a background with the XYZ color 24.3132, 24.3173,

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

24.3132, 24.3173, 24.5314

Protanopia

23.4763, 24.4829, 25.3181

Deuteranopia

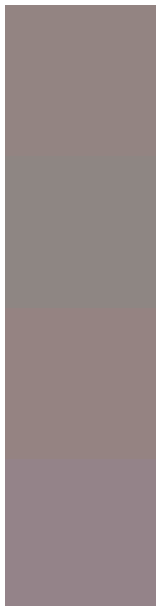
24.7232, 24.3283, 24.5119



Tritanopia

25.0031, 24.1843, 28.5495

Trichromacy



Original Color

24.3132, 24.3173, 24.5314

Protanomaly

23.7772, 24.4397, 24.9369

Deuteranomaly

24.5400, 24.2339, 24.5033

Tritanomaly

24.8444, 24.3346, 27.0545

Monochromacy



Original Color

24.3132, 24.3173, 24.5314

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7823, 24.6246, 26.0538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3132, 24.3173, 24.5314 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(147, 132, 130) looks like.

```
.text, #text, p{  
    color:rgb(147, 132, 130)  
}
```

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(147, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 132, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.3132, 24.3173, 24.5314 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(147, 132, 130) }
```


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

```
.border{ border-color:rgb(147, 132, 130) }
```

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

Here you see how a box with a 4 pixel rgb(147, 132, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(147, 132,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3132, 24.3173, 24.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 132, 130) }
```

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

```
.background{ background-color: rgb(147,  
132, 130) }
```

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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