

Converting Colors

XYZ(24.0243, 28.3372, 17.5054)

Have a look what the booklet for
XYZ(24.0243, 28.3372, 17.5054)
contains.

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Color

**XYZ(23.9374, 28.2359,
17.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9669
RGB	138, 150, 105
RGB Percent	54%, 59%, 41%
CMY	0.4588, 0.4118, 0.5882
CMYK	0.08, 0.00, 0.30, 0.41
HSL	76°, 18%, 50%
HSV	76°, 30%, 59%
XYZ	23.9374, 28.2359, 17.5530
YIQ	141.2820, 7.2930, -16.5390

Conversions

Conversions Part 2

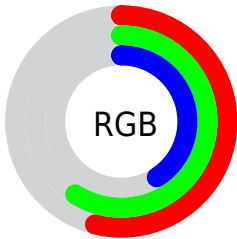
Format	Color
RYB	105, 150, 117
Decimal	9082473
CIELab	60.10, -12.27, 22.36
CIELCh	60, 25.504, 118.753
Yxy	28.2359, 0.3433, 0.4050
Android (android.graphics.Color)	4287272553 (0xFF8A9669)
YUV	141.2820, -17.8870, -2.8783
Hunter-Lab	53.1375, -12.5798, 17.6108

Details

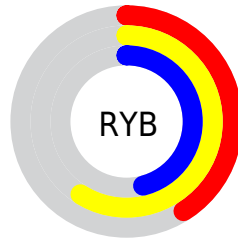
The XYZ color **23.9374, 28.2359, 17.5530** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8938, 16.0878, 31.0179**, and the grayscale version is **25.4948, 26.8225, 29.2097**.

A 20% lighter version of the original color is **49.4169, 56.8265, 40.2624**, and **9.1308, 11.2453, 5.5602** is the 20% darker color. If you saturate the color by 10%, you get **22.5839, 27.6204, 13.8140**, and if you desaturate by 10%, it is **25.4528, 28.9209, 22.0106**.

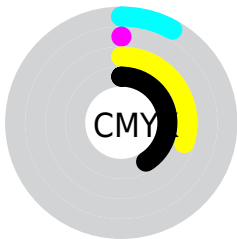
Distribution



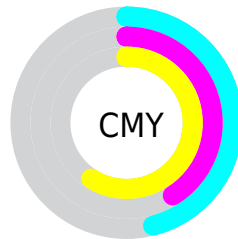
- Red (54%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (46%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9374, 28.2359, 17.5530 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 23.9374, 28.2359, 17.5530 by changing the saturation by 10% instead.

■ 23.9374, 28.2359,
17.5530

■ 23.9374, 28.2359,
17.5530

264.9502,
293.5924, 250.4902

■ 15.4117, 18.5036,
10.4634

■ 49.3834, 56.8608,
40.0778

■ 9.1970, 11.3121,
5.5977

■ 67.0345, 76.5222,
56.3500

■ 4.9280, 6.2772,
2.5372

■ 88.4580, 100.2621,
76.5203

■ 2.2394, 3.0143,
0.8598

■ 114.0193,
128.4649, 101.0071

■ 0.7634, 1.1392,
0.0000

144.0839,
161.5149, 130.2289

■ 0.0000, 0.0112,
0.0000

179.0170,

■ 0.0000, 0.0000,

199.7965, 164.6044

0.0000

219.1839,
243.6943, 204.5520

■ 23.9374, 28.2359,
17.5530

■ 23.9374, 28.2359,
17.5530

■ 22.5839, 27.6204,
13.8140

■ 25.4528, 28.9209,
22.0106

■ 21.3827, 27.0676,
10.7543

■ 27.1348, 29.6744,
27.2200

■ 20.3264, 26.5756,
8.3333


■ 28.9905, 30.5003,
33.2144


■ 19.4061, 26.1407,
6.5054


■ 31.0260, 31.4011,
40.0244


■ 18.6119, 25.7589,
5.2193

■ 33.2471, 32.3790,
47.6792


 17.9319, 25.4254,
4.4144

 35.6593, 33.4362,
56.2063

 17.3366, 25.1285,
3.9366

 38.2677, 34.5750,
65.6321

 41.0775, 35.7973,
75.9818

 44.0935, 37.1052,
87.2798

Harmonies

Analogous

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



26.9739, 28.2359, 16.0780



23.9374, 28.2359, 17.5530



21.8334, 28.2359, 22.3505

Triad

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



23.9374, 28.2359, 17.5530



23.7194, 28.2359, 48.7594



33.5948, 28.2359, 31.1360

Complementary

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



23.9374, 28.2359, 17.5530



17.8938, 16.0878, 31.0179

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.



32.5528, 28.2359, 41.0130



23.9374, 28.2359, 17.5530



26.7014, 28.2359, 52.3764

Square

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



23.9374, 28.2359, 17.5530



21.7149, 28.2359, 40.1994



29.9626, 28.2359, 49.2920



32.7080, 28.2359, 22.9015

Rectangle

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



23.9374, 28.2359, 17.5530



21.1540, 28.2359, 27.3783



29.9626, 28.2359, 49.2920



33.4571, 28.2359, 34.3750

Sweetspot

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



23.9381, 28.2371, 17.5536



48.1422, 52.4811, 48.8528



21.4898, 20.2274, 16.1366



10.5768, 11.5894, 10.5346



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.



23.9381, 28.2371, 17.5536



40.6095, 49.0867, 26.4137



20.5932, 26.5128, 17.3971



6.1161, 6.6677, 6.2051



14.4092, 20.8561, 3.2662



0.2043, 0.2697, 0.0413

Inverse Universe

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



17.8938, 16.0878, 31.0179



28.1924, 24.1170, 54.0904



21.2887, 17.8379, 31.1768



5.6360, 5.7033, 7.2735



5.3190, 2.2146, 24.0782



0.0899, 0.0399, 0.2959

Previews

White Background



This preview shows how the XYZ color 23.9374, 28.2359, 17.5530 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 23.9374, 28.2359, 17.5530 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

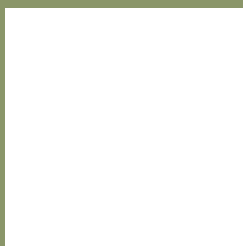
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9374, 28.2359, 17.5530

Background



This preview shows how black text looks on a background with the XYZ color 23.9374, 28.2359, 17.5530.



This preview shows how white text looks on a background with the XYZ color 23.9374, 28.2359,

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

23.9374, 28.2359, 17.5530

Protanopia

26.2839, 28.2980, 16.9087

Deuteranopia

28.6810, 28.1847, 17.8385



Tritanopia

27.5667, 28.3328, 35.0262

Trichromacy



Original Color

23.9374, 28.2359, 17.5530

Protanomaly

25.3268, 28.2565, 17.2159

Deuteranomaly

26.7221, 28.0565, 17.6427

Tritanomaly

25.9496, 28.1147, 27.7259

Monochromacy



Original Color

23.9374, 28.2359, 17.5530

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6848, 27.0805, 24.3481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9374, 28.2359, 17.5530 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(138, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 105)  
}
```

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(138, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.9374, 28.2359, 17.5530 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(138, 150, 105) }
```


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

```
.border{ border-color:rgb(138, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9374, 28.2359, 17.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 105) }
```

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

```
.background{ background-color: rgb(138,  
150, 105) }
```

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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