

Converting Colors

XYZ(24.3519, 23.9536, 14.8944)

Have a look what the booklet for
XYZ(24.3519, 23.9536, 14.8944)
contains.

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Color

**XYZ(24.3529, 23.9533,
14.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8162
RGB	159, 129, 98
RGB Percent	62%, 51%, 38%
CMY	0.3765, 0.4941, 0.6157
CMYK	0.00, 0.19, 0.38, 0.38
HSL	30°, 24%, 50%
HSV	30°, 38%, 62%
XYZ	24.3529, 23.9533, 14.8952
YIQ	134.4360, 27.8310, -3.2810

Conversions

Conversions Part 2

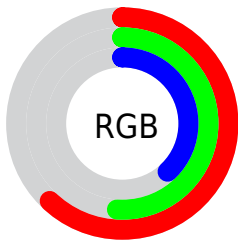
Format	Color
R_{YB}	157, 159, 98
Decimal	10453346
CIE _{Lab}	56.04, 7.05, 21.16
CIE _{LCh}	56, 22.300, 71.572
Yxy	23.9533, 0.3853, 0.3790
Android (android.graphics.Color)	4288643426 (0xFF9F8162)
YUV	134.4360, -17.9629, 21.5426
Hunter-Lab	48.9421, 3.1704, 16.2150

Details

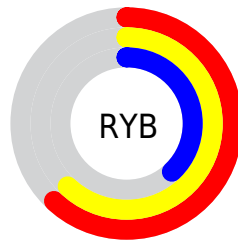
The XYZ color **24.3529, 23.9533, 14.8952** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0138, 20.5374, 35.7627**, and the grayscale version is **22.8780, 24.0695, 26.2116**.

A 20% lighter version of the original color is **50.1771, 50.0729, 35.4542**, and **9.4101, 9.0405, 4.3810** is the 20% darker color. If you saturate the color by 10%, you get **22.6848, 21.7016, 10.9961**, and if you desaturate by 10%, it is **26.2502, 26.4246, 19.6071**.

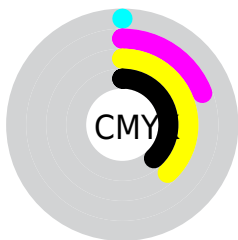
Distribution



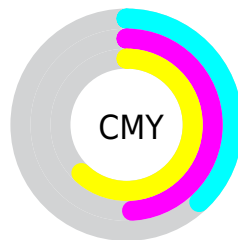
- Red (62%)
- Green (51%)
- Blue (38%)



- Red (62%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3529, 23.9533, 14.8952 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 24.3529, 23.9533, 14.8952 by changing the saturation by 10% instead.

■ 24.3529, 23.9533,
14.8952

■ 24.3529, 23.9533,
14.8952

267.0073,
272.5843, 234.3499

■ 15.7218, 15.2990,
8.6001

■ 50.0560, 49.9540,
35.4089

■ 9.4171, 9.0295,
4.3880

■ 67.8586, 68.0691,
50.4646

■ 5.0735, 4.7604,
1.8405

■ 89.4491, 90.1067,
69.2775

■ 2.3256, 2.1074,
0.4545

■ 115.1929,
116.4510, 92.2662

■ 0.8077, 0.6688,
0.0000

145.4552,
147.4866, 119.8493

■ 0.0000, 0.0000,
0.0000

180.6015,

183.5977, 152.4452

220.9971,
225.1688, 190.4726

■ 24.3529, 23.9533,
14.8952

■ 24.3529, 23.9533,
14.8952

■ 22.6848, 21.7016,
10.9961

■ 26.2502, 26.4246,
19.6071

■ 21.2335, 19.6590,
7.8609

■ 28.3847, 29.1187,
25.1736

■ 19.9879, 17.8190,
5.4378

■ 30.7662, 32.0431,
31.6358

■ 18.9350, 16.1736,
3.6677

■ 33.4034, 35.2038,
39.0313

■ 18.0600, 14.7136,
2.4821

■ 36.3045, 38.6065,
47.3957

■ 17.3365, 13.4251,
1.7523

■ 39.4774, 42.2569,
56.7627

■ 17.2266, 13.2280,
1.6453

■ 42.9294, 46.1602,
67.1644

■ 46.6678, 50.3216,
78.6314

■ 50.6994, 54.7461,
91.1931

Harmonies

Analogous

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



26.6371, 23.9533, 17.8263



24.3529, 23.9533, 14.8952



21.7971, 23.9533, 14.5979

Triad

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



24.3529, 23.9533, 14.8952



18.2918, 23.9533, 29.0015



26.1791, 23.9533, 38.0650

Complementary

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



24.3529, 23.9533, 14.8952



19.0138, 20.5374, 35.7627

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.



23.7650, 23.9533, 42.4052



24.3529, 23.9533, 14.8952



19.2910, 23.9533, 36.5567

Square

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



24.3529, 23.9533, 14.8952



18.4234, 23.9533, 21.8877



21.2513, 23.9533, 41.8068



27.7445, 23.9533, 30.7785

Rectangle

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



24.3529, 23.9533, 14.8952



20.2942, 23.9533, 15.8503



21.2513, 23.9533, 41.8068



25.4327, 23.9533, 39.9732

Sweetspot

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



24.3535, 23.9544, 14.8957



53.3981, 55.3131, 51.9903



22.5951, 17.6782, 22.8166



11.9221, 12.3274, 11.4045



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.3535, 23.9544, 14.8957



41.0466, 39.4424, 20.6442



28.9008, 33.0489, 16.4114



6.8977, 7.1755, 7.0071



13.6481, 10.5318, 1.3135



0.2863, 0.2729, 0.0376

Inverse Universe

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



19.0138, 20.5374, 35.7627



30.1019, 32.4395, 63.4184



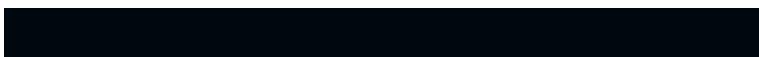
15.6629, 13.8355, 34.6457



6.5405, 6.9468, 8.4028



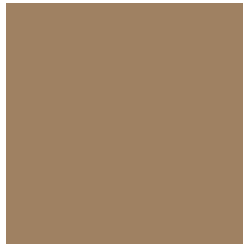
7.1468, 6.3851, 26.7630



0.1700, 0.1987, 0.4926

Previews

White Background



This preview shows how the XYZ color 24.3529, 23.9533, 14.8952 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 24.3529, 23.9533, 14.8952 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 24.3529, 23.9533, 14.8952

Background



This preview shows how black text looks on a background with the XYZ color 24.3529, 23.9533, 14.8952.



This preview shows how white text looks on a background with the XYZ color 24.3529, 23.9533,

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

24.3529, 23.9533, 14.8952

Protanopia

22.3269, 23.8996, 15.4929

Deuteranopia

24.3529, 23.9533, 14.8952



Tritanopia

26.6150, 23.9231, 25.7691

Trichromacy



Original Color

24.3529, 23.9533, 14.8952

Protanomaly

22.8978, 23.7929, 15.1900

Deuteranomaly

24.3529, 23.9533, 14.8952

Tritanomaly

25.8123, 23.9836, 21.3580

Monochromacy



Original Color

24.3529, 23.9533, 14.8952

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0301, 23.7226, 21.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3529, 23.9533, 14.8952 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(159, 129, 98)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 98)  
}
```

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(159, 129, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.3529, 23.9533, 14.8952 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(159, 129, 98) }
```


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

```
.border{ border-color:rgb(159, 129, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 98);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3529, 23.9533, 14.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 98) }
```

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

```
.background{ background-color: rgb(159,  
129, 98) }
```

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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