

Converting Colors

XYZ(23.7519, 24.0044, 16.4782)

Have a look what the booklet for
XYZ(23.7519, 24.0044, 16.4782)
contains.

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Color

**XYZ(23.7519, 24.0044,
16.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	998368
RGB	153, 131, 104
RGB Percent	60%, 51%, 41%
CMY	0.4000, 0.4863, 0.5922
CMYK	0.00, 0.14, 0.32, 0.40
HSL	33°, 19%, 50%
HSV	33°, 32%, 60%
XYZ	23.7519, 24.0044, 16.4782
YIQ	134.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

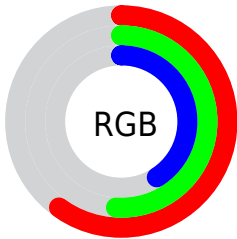
Format	Color
R_{YB}	144, 153, 104
Decimal	10060648
CIE _{Lab}	56.09, 4.19, 17.72
CIE _{LCh}	56, 18.206, 76.680
Yxy	24.0044, 0.3698, 0.3737
Android (android.graphics.Color)	4288250728 (0xFF998368)
YUV	134.5000, -15.0365, 16.2245
Hunter-Lab	48.9943, 0.7949, 14.3551

Details

The XYZ color **23.7519, 24.0044, 16.4782** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.9194, 20.1642, 33.0320**, and the grayscale version is **22.8928, 24.0850, 26.2286**.

A 20% lighter version of the original color is **49.0693, 50.0574, 38.0862**, and **9.1226, 9.0967, 5.1459** is the 20% darker color. If you saturate the color by 10%, you get **22.1522, 21.9379, 12.4525**, and if you desaturate by 10%, it is **25.5550, 26.2519, 21.2680**.

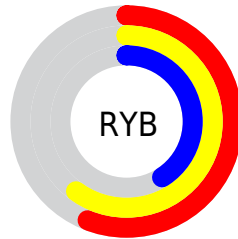
Distribution



Red (60%)

Green (51%)

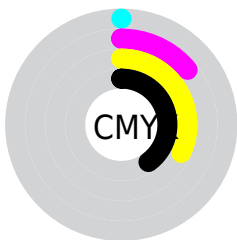
Blue (41%)



Red (56%)

Yellow (60%)

Blue (41%)

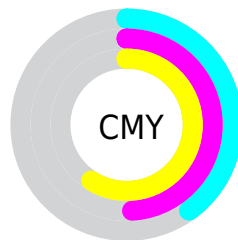


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (40%)



Cyan (40%)

Magenta (49%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7519, 24.0044, 16.4782 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 23.7519, 24.0044, 16.4782 by changing the saturation by 10% instead.

■ 23.7519, 24.0044,
16.4782

■ 23.7519, 24.0044,
16.4782

264.0276,
272.8427, 244.0885

■ 15.2734, 15.3369,
9.7052

■ 49.0827, 50.0374,
38.2047

■ 9.0991, 9.0562,
5.1009

■ 66.6657, 68.1716,
53.9952

■ 4.8635, 4.7778,
2.2468

■ 88.0142, 90.2303,
73.6287

■ 2.2013, 2.1175,
0.7012

■ 113.4936,
116.5976, 97.5236

■ 0.7434, 0.6744,
0.0000

143.4693,
147.6582, 126.0985

■ 0.0000, 0.0000,
0.0000

178.3067,

183.7963, 159.7719

218.3710,
225.3963, 198.9624

■ 23.7519, 24.0044,
16.4782

■ 23.7519, 24.0044,
16.4782

■ 22.1522, 21.9379,
12.4525

■ 25.5550, 26.2519,
21.2680

■ 20.7453, 20.0436,
9.1487

■ 27.5679, 28.6821,
26.8580

■ 19.5223, 18.3170,
6.5231

■ 29.7989, 31.3010,
33.2837

■ 18.4725, 16.7516,
4.5262

■ 32.2553, 34.1133,
40.5780

■ 17.5841, 15.3409,
3.1019

■ 34.9440, 37.1233,
48.7721

■ 16.8433, 14.0769,
2.1837

■ 37.8715, 40.3355,
57.8957

■ 16.3319, 13.1622,
1.6798

■ 41.0442, 43.7540,
67.9769

■ 44.4682, 47.3826,
79.0428

■ 48.1492, 51.2254,
91.1194

Harmonies

Analogous

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



25.6788, 24.0044, 18.6400



23.7519, 24.0044, 16.4782



21.6837, 24.0044, 16.6067

Triad

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



23.7519, 24.0044, 16.4782



19.1856, 24.0044, 29.5736



25.8591, 24.0044, 34.8344

Complementary

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



23.7519, 24.0044, 16.4782



18.9194, 20.1642, 33.0320

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.



23.9859, 24.0044, 38.7539



23.7519, 24.0044, 16.4782



20.1733, 24.0044, 35.4141

Square

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



23.7519, 24.0044, 16.4782



19.1315, 24.0044, 23.5790



21.9040, 24.0044, 38.9809



26.9444, 24.0044, 28.8730

Rectangle

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



23.7519, 24.0044, 16.4782



20.5029, 24.0044, 17.9657



21.9040, 24.0044, 38.9809



25.2957, 24.0044, 36.4716

Sweetspot

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



23.7525, 24.0055, 16.4787



50.0716, 52.1979, 50.0893



21.8566, 18.1809, 22.1132



10.9473, 11.3965, 10.7505



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.7525, 24.0055, 16.4787



40.5715, 40.4660, 24.5158



26.5692, 30.3184, 17.5488



6.4768, 6.7586, 6.5690



13.5316, 10.9456, 1.3995



0.2386, 0.2362, 0.0330

Inverse Universe

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



18.9194, 20.1642, 33.0320



30.6101, 32.5512, 58.6417



16.6979, 15.2927, 32.2088



6.1014, 6.4601, 7.8543



6.5274, 5.4514, 25.6159



0.1332, 0.1527, 0.3948

Previews

White Background



This preview shows how the XYZ color 23.7519, 24.0044, 16.4782 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 23.7519, 24.0044, 16.4782 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

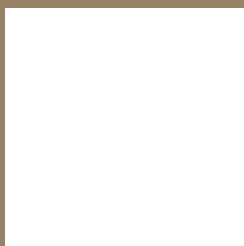
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7519, 24.0044, 16.4782

Background



This preview shows how black text looks on a background with the XYZ color 23.7519, 24.0044, 16.4782.



This preview shows how white text looks on a background with the XYZ color 23.7519, 24.0044,

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

23.7519, 24.0044, 16.4782

Protanopia

22.4543, 23.9304, 17.0712

Deuteranopia

24.4495, 23.9691, 16.4346



Tritanopia

25.9379, 24.1244, 26.5820

Trichromacy



Original Color

23.7519, 24.0044, 16.4782

Protanomaly

22.9700, 23.9980, 16.7860

Deuteranomaly

24.1916, 24.0327, 16.4604

Tritanomaly

25.0676, 23.9615, 22.3726

Monochromacy



Original Color

23.7519, 24.0044, 16.4782

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3185, 24.2562, 22.5217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7519, 24.0044, 16.4782 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(153, 131, 104)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 104)  
}
```

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(153, 131, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 104) }
```

Border

The CSS property to change the border of an element to XYZ 23.7519, 24.0044, 16.4782 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(153, 131, 104) }
```


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

```
.border{ border-color:rgb(153, 131, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 131, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 104);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7519, 24.0044, 16.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 104) }
```

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

```
.background{ background-color: rgb(153,  
131, 104) }
```

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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