

Converting Colors

XYZ(23.4726, 25.5721, 16.9299)

Have a look what the booklet for
XYZ(23.4726, 25.5721, 16.9299)
contains.

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Color

**XYZ(23.4595, 25.5049,
17.0511)**

Conversions

Conversions Part 1

Format	Color
Hex	918B69
RGB	145, 139, 105
RGB Percent	57%, 55%, 41%
CMY	0.4314, 0.4549, 0.5882
CMYK	0.00, 0.04, 0.28, 0.43
HSL	51°, 16%, 49%
HSV	51°, 28%, 57%
XYZ	23.4595, 25.5049, 17.0511
YIQ	136.9180, 14.4900, -9.3020

Conversions

Conversions Part 2

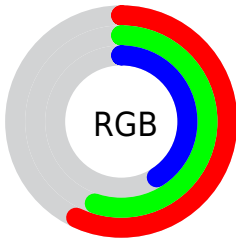
Format	Color
R_YB	112, 145, 105
Decimal	9538409
CIE Lab	57.56, -3.45, 19.03
CIE LCh	58, 19.342, 100.267
Yxy	25.5049, 0.3554, 0.3863
Android (android.graphics.Color)	4287728489 (0xFF918B69)
YUV	136.9180, -15.7356, 7.0879
Hunter-Lab	50.5024, -5.4619, 15.3336

Details

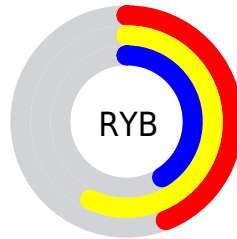
The XYZ color **23.4595, 25.5049, 17.0511** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6209, 16.4161, 29.0808**, and the grayscale version is **23.8012, 25.0407, 27.2693**.

A 20% lighter version of the original color is **48.4036, 52.2417, 38.9850**, and **8.9270, 9.8198, 5.2958** is the 20% darker color. If you saturate the color by 10%, you get **22.4655, 24.6095, 13.3512**, and if you desaturate by 10%, it is **24.5882, 26.4659, 21.4235**.

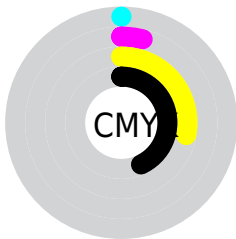
Distribution



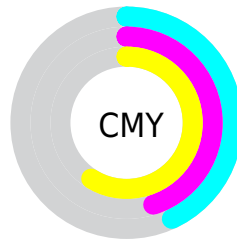
- Red (57%)
- Green (55%)
- Blue (41%)



- Red (44%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4595, 25.5049, 17.0511 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 23.4595, 25.5049, 17.0511 by changing the saturation by 10% instead.

■ 23.4595, 25.5049,
17.0511

■ 23.4595, 25.5049,
17.0511

262.5679,
280.3431, 247.5206

■ 15.0557, 16.4536,
10.1086

■ 48.6079, 52.4751,
39.2055

■ 8.9451, 9.8457,
5.3645

■ 66.0831, 71.1629,
55.2544

■ 4.7622, 5.2968,
2.4002

■ 87.3130, 93.8316,
75.1759

■ 2.1417, 2.4224,
0.7866

■ 112.6627,
120.8656, 99.3885

■ 0.7118, 0.8374,
0.0000

142.4977,
152.6494, 128.3107

■ 0.0000, 0.0000,
0.0000

177.1834,

189.5673, 162.3611

217.0849,
232.0038, 201.9582

■ 23.4595, 25.5049,
17.0511

■ 23.4595, 25.5049,
17.0511

■ 22.4655, 24.6095,
13.3512

■ 24.5882, 26.4659,
21.4235

■ 21.5977, 23.7737,
10.2882

■ 25.8556, 27.4917,
26.4985

■ 20.8498, 22.9957,
7.8257

■ 27.2681, 28.5855,
32.3059

■ 20.2140, 22.2725,
5.9231

■ 28.8309, 29.7497,
38.8737

■ 19.6814, 21.6003,
4.5344

■ 30.5491, 30.9863,
46.2284

■ 19.2421, 20.9751,
3.6067

■ 32.4276, 32.2973,
54.3950

■ 18.8773, 20.3894,
3.0411

■ 34.4708, 33.6845,
63.3975

■ 18.7926, 20.2508,
2.9183

■ 36.6833, 35.1499,
73.2590

■ 39.0692, 36.6950,
84.0015

Harmonies

Analogous

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



25.7705, 25.5049, 17.4461



23.4595, 25.5049, 17.0511



21.4859, 25.5049, 19.1604

Triad

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



23.4595, 25.5049, 17.0511



21.0118, 25.5049, 36.8184



28.6617, 25.5049, 32.2848

Complementary

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



23.4595, 25.5049, 17.0511



16.6209, 16.4161, 29.0808

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.



27.2235, 25.5049, 38.6367



23.4595, 25.5049, 17.0511



22.7745, 25.5049, 41.5282

Square

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



23.4595, 25.5049, 17.0511



20.1332, 25.5049, 30.0971



25.0410, 25.5049, 42.2418



28.8741, 25.5049, 25.5670

Rectangle

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



23.4595, 25.5049, 17.0511



20.5899, 25.5049, 21.9340



25.0410, 25.5049, 42.2418



28.3015, 25.5049, 34.5602

Sweetspot

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



23.4602, 25.5060, 17.0516



46.1644, 49.1232, 46.8909



19.5981, 17.2709, 17.3400



10.1971, 10.8701, 10.1373



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.4602, 25.5060, 17.0516



40.8988, 44.6844, 26.3535



22.0355, 26.0962, 17.2406



5.7716, 6.1496, 5.7722



16.1338, 17.3994, 2.5081



0.1663, 0.1905, 0.0280

Inverse Universe

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



16.6209, 16.4161, 29.0808



26.5914, 25.6715, 51.5271



17.7705, 16.0698, 28.9534



5.1908, 5.3775, 6.7931



4.6385, 2.2631, 23.1694



0.0544, 0.0417, 0.2249

Previews

White Background



This preview shows how the XYZ color 23.4595, 25.5049, 17.0511 looks on a white background.

Color Contrast Check

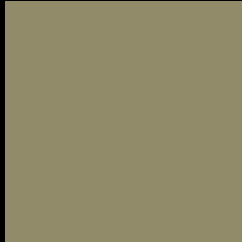
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4595, 25.5049, 17.0511 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

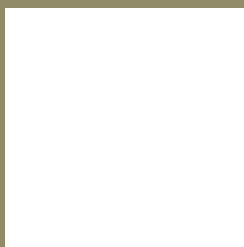
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4595, 25.5049, 17.0511

Background



This preview shows how black text looks on a background with the XYZ color 23.4595, 25.5049, 17.0511.



This preview shows how white text looks on a background with the XYZ color 23.4595, 25.5049,

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

23.4595, 25.5049, 17.0511

Protanopia

23.8510, 25.4928, 17.0281

Deuteranopia

25.8893, 25.4970, 17.1926



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

23.4595, 25.5049, 17.0511

Protanomaly

23.6709, 25.3999, 17.0197

Deuteranomaly

24.9758, 25.4365, 17.2290

Tritanomaly

25.0462, 25.5159, 24.7241

Monochromacy



Original Color

23.4595, 25.5049, 17.0511

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6054, 25.2331, 23.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4595, 25.5049, 17.0511 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(145, 139, 105)` looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 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(145, 139, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.4595, 25.5049, 17.0511 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(145, 139, 105) }
```


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

```
.border{ border-color:rgb(145, 139, 105) }
```

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

Here you see how a box with a 4 pixel rgb(145, 139, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(145, 139,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4595, 25.5049, 17.0511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 105) }
```

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

```
.background{ background-color: rgb(145,  
139, 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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