

Converting Colors

XYZ(24.0358, 22.5916, 17.0316)

Have a look what the booklet for
XYZ(24.0358, 22.5916, 17.0316)
contains.

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Color

**XYZ(24.0349, 22.5984,
17.0051)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7B6B
RGB	159, 123, 107
RGB Percent	62%, 48%, 42%
CMY	0.3765, 0.5176, 0.5804
CMYK	0.00, 0.23, 0.33, 0.38
HSL	18°, 21%, 52%
HSV	18°, 33%, 62%
XYZ	24.0349, 22.5984, 17.0051
YIQ	131.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

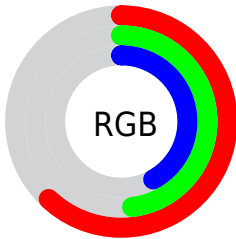
Format	Color
R_{YB}	159, 130, 107
Decimal	10451819
CIE _{Lab}	54.66, 11.63, 14.12
CIE _{LCh}	55, 18.290, 50.516
Yxy	22.5984, 0.3777, 0.3551
Android (android.graphics.Color)	4288641899 (0xFF9F7B6B)
YUV	131.9400, -12.2954, 23.7316
Hunter-Lab	47.5378, 7.0577, 12.0674

Details

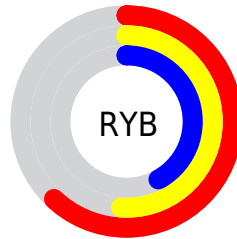
The XYZ color **24.0349, 22.5984, 17.0051** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1436, 25.2732, 36.5121**, and the grayscale version is **21.9472, 23.0902, 25.1452**.

A 20% lighter version of the original color is **49.7212, 47.9664, 38.9856**, and **9.2082, 8.2880, 5.3894** is the 20% darker color. If you saturate the color by 10%, you get **21.9847, 19.7158, 12.5672**, and if you desaturate by 10%, it is **26.3937, 25.8517, 22.3053**.

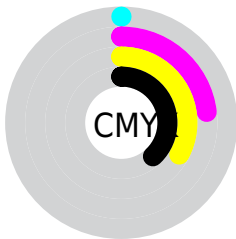
Distribution



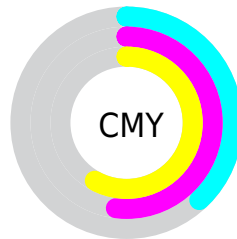
- Red (62%)
- Green (48%)
- Blue (42%)



- Red (62%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (38%)





- Cyan (38%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0349, 22.5984, 17.0051 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 24.0349, 22.5984, 17.0051 by changing the saturation by 10% instead.

 24.0349, 22.5984,
17.0051


 24.0349, 22.5984,
17.0051


265.4341,
265.6555, 247.2467


 15.4844, 14.2973,
10.0761

 49.5414, 47.7331,
39.1253


 9.2486, 8.3277,
5.3432


 67.2281, 65.3353,
55.1536

 4.9621, 4.3053,
2.3878

 88.6909, 86.8068,
75.0522

 2.2596, 1.8458,
0.7798

 114.2952,
112.5318, 99.2394

 0.7738, 0.5155,
0.0000

144.4063,
142.8948, 128.1340

 0.0000, 0.0000,
0.0000

179.3896,

178.2802, 162.1544

219.6104,
219.0723, 201.7191

■ 24.0349, 22.5984,
17.0051

■ 24.0349, 22.5984,
17.0051

■ 21.9847, 19.7158,
12.5672

■ 26.3937, 25.8517,
22.3053

■ 20.2278, 17.1873,
8.9441

■ 29.0719, 29.4854,
28.5090

■ 18.7502, 14.9995,
6.0857

■ 32.0820, 33.5125,
35.6566

■ 17.5359, 13.1370,
3.9357

■ 35.4352, 37.9448,
43.7855

■ 16.5671, 11.5831,
2.4301

■ 39.1423, 42.7932,
52.9311

■ 15.8234, 10.3192,
1.4930

■ 43.2135, 48.0685,
63.1271

■ 15.3936, 9.5620,
1.0343

■ 47.6586, 53.7809,
74.4054

■ 52.4869, 59.9402,
86.7969

■ 57.7077, 66.5562,
100.3309

Harmonies

Analogous

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



25.3111, 22.5984, 20.9225



24.0349, 22.5984, 17.0051



22.1231, 22.5984, 15.2135

Triad

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



24.0349, 22.5984, 17.0051



17.8839, 22.5984, 22.8245



22.8641, 22.5984, 36.5135

Complementary

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



24.0349, 22.5984, 17.0051



22.1436, 25.2732, 36.5121

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.



20.8477, 22.5984, 37.2356



24.0349, 22.5984, 17.0051



18.0548, 22.5984, 28.6978

Square

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



24.0349, 22.5984, 17.0051



18.6287, 22.5984, 18.2101



19.1112, 22.5984, 34.1888



24.6063, 22.5984, 32.3471

Rectangle

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



24.0349, 22.5984, 17.0051



20.7806, 22.5984, 15.2386



19.1112, 22.5984, 34.1888



22.1931, 22.5984, 37.1900

Sweetspot

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



24.0355, 22.5995, 17.0056



53.3633, 54.5513, 54.1128



24.5443, 19.8819, 28.6899



11.8755, 12.0900, 11.8338



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.



24.0355, 22.5995, 17.0056



40.4045, 36.7715, 24.7052



27.6363, 29.8012, 18.2058



6.7913, 6.9626, 6.9716



12.1918, 7.6193, 0.8281



0.2530, 0.2063, 0.0265

Inverse Universe

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



22.1436, 25.2732, 36.5121



36.4897, 42.2755, 64.9802



18.7297, 18.4453, 35.3741



6.6495, 7.1647, 8.4391



9.3907, 10.8729, 27.5110



0.2034, 0.2654, 0.5037

Previews

White Background



This preview shows how the XYZ color 24.0349, 22.5984, 17.0051 looks on a white background.

Color Contrast Check

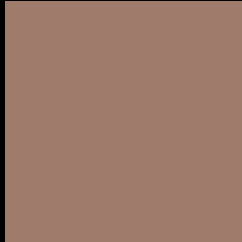
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0349, 22.5984, 17.0051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

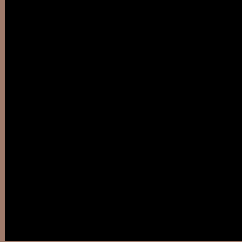
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0349, 22.5984, 17.0051

Background



This preview shows how black text looks on a background with the XYZ color 24.0349, 22.5984, 17.0051.



This preview shows how white text looks on a background with the XYZ color 24.0349, 22.5984,

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

24.0349, 22.5984, 17.0051

Protanopia

21.4668, 22.7836, 18.3052

Deuteranopia

23.0113, 22.6377, 16.7924



Tritanopia

25.3769, 22.5950, 23.7926

Trichromacy



Original Color

24.0349, 22.5984, 17.0051

Protanomaly

22.3877, 22.6751, 17.9486

Deuteranomaly

23.4527, 22.6764, 16.7766

Tritanomaly

24.7858, 22.5288, 21.1313

Monochromacy



Original Color

24.0349, 22.5984, 17.0051

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5807, 22.8814, 21.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0349, 22.5984, 17.0051 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, 123, 107)` looks like.

```
.text, #text, p{  
    color:rgb(159, 123, 107)  
}
```

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, 123, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 123, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.0349, 22.5984, 17.0051 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, 123, 107) }
```


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

```
.border{ border-color:rgb(159, 123, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 123, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 123, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 123, 107);  
box-shadow:4px 4px 4px 4px rgb(159, 123,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0349, 22.5984, 17.0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 123, 107) }
```

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

```
.background{ background-color: rgb(159,  
123, 107) }
```

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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