

Converting Colors

XYZ(24.0699, 24.2536, 17.5826)

Have a look what the booklet for
XYZ(24.0699, 24.2536, 17.5826)
contains.

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Color

**XYZ(24.0949, 24.3575,
17.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	99846C
RGB	153, 132, 108
RGB Percent	60%, 52%, 42%
CMY	0.4000, 0.4823, 0.5765
CMYK	0.00, 0.14, 0.29, 0.40
HSL	32°, 18%, 51%
HSV	32°, 29%, 60%
XYZ	24.0949, 24.3575, 17.6189
YIQ	135.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

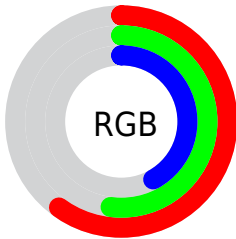
Format	Color
R_{YB}	147, 153, 108
Decimal	10060908
CIE _{Lab}	56.44, 4.19, 15.92
CIE _{LCh}	56, 16.459, 75.263
Yxy	24.3575, 0.3647, 0.3687
Android (android.graphics.Color)	4288250988 (0xFF99846C)
YUV	135.5430, -13.5787, 15.3098
Hunter-Lab	49.3533, 0.7776, 13.3811

Details

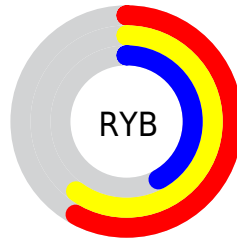
The XYZ color **24.0949, 24.3575, 17.6189** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7842, 21.1880, 33.1841**, and the grayscale version is **23.2753, 24.4874, 26.6668**.

A 20% lighter version of the original color is **49.7065, 50.6459, 40.4135**, and **9.2757, 9.2795, 5.5772** is the 20% darker color. If you saturate the color by 10%, you get **22.4160, 22.1904, 13.3884**, and if you desaturate by 10%, it is **25.9843, 26.7166, 22.6252**.

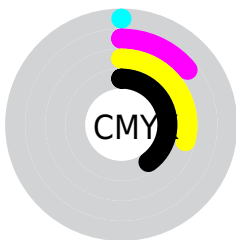
Distribution



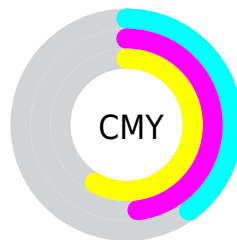
- Red (60%)
- Green (52%)
- Blue (42%)



- Red (58%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0949, 24.3575, 17.6189 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 24.0949, 24.3575, 17.6189 by changing the saturation by 10% instead.

■ 24.0949, 24.3575,
17.6189

■ 24.0949, 24.3575,
17.6189

265.7315,
274.6229, 250.8777

■ 15.5292, 15.5990,
10.5101

■ 49.6386, 50.6130,
40.1920

■ 9.2803, 9.2409,
5.6285

■ 67.3472, 68.8787,
56.4934

■ 4.9830, 4.8986,
2.5554

■ 88.8342, 91.0824,
76.6961

■ 2.2720, 2.1879,
0.8693

■ 114.4648,
117.6084, 101.2186

■ 0.7803, 0.7134,
0.0000

144.6045,
148.8410, 130.4794

■ 0.0000, 0.0000,
0.0000

179.6186,

185.1647, 164.8972

219.8725,
226.9639, 204.8905

■ 24.0949, 24.3575,
17.6189

■ 24.0949, 24.3575,
17.6189

■ 22.4160, 22.1904,
13.3884

■ 25.9843, 26.7166,
22.6252

■ 20.9369, 20.2062,
9.8924

■ 28.0904, 29.2695,
28.4427

■ 19.6487, 18.4002,
7.0880

■ 30.4216, 32.0226,
35.1063

■ 18.5409, 16.7658,
4.9272

■ 32.9853, 34.9806,
42.6487

■ 17.6020, 15.2961,
3.3559

■ 35.7884, 38.1482,
51.1005

■ 16.8185, 13.9834,
2.3108

■ 38.8374, 41.5299,
60.4911

■ 16.1615, 12.8136,
1.6473

■ 42.1388, 45.1301,
70.8483

■ 16.1249, 12.7483,
1.6108

■ 45.6988, 48.9530,
82.1991

■ 49.5231, 53.0026,
94.5691

Harmonies

Analogous

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



25.8246, 24.3575, 19.7490



24.0949, 24.3575, 17.6189



22.2007, 24.3575, 17.6379

Triad

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



24.0949, 24.3575, 17.6189



19.7959, 24.3575, 29.3780



25.8501, 24.3575, 34.6064

Complementary

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



24.0949, 24.3575, 17.6189



19.7842, 21.1880, 33.1841

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.



24.1282, 24.3575, 37.9762



24.0949, 24.3575, 17.6189



20.6688, 24.3575, 34.6876

Square

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



24.0949, 24.3575, 17.6189



19.7880, 24.3575, 23.9425



22.2322, 24.3575, 38.0078



26.8751, 24.3575, 29.2787

Rectangle

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



24.0949, 24.3575, 17.6189



21.1012, 24.3575, 18.8485



22.2322, 24.3575, 38.0078



25.3296, 24.3575, 36.0360

Sweetspot

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



24.0955, 24.3586, 17.6194



50.3993, 52.5291, 51.1983



22.4621, 19.0827, 23.2686



11.0111, 11.4582, 10.9751



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.



24.0955, 24.3586, 17.6194



41.2204, 41.1456, 26.6377



26.9537, 30.4926, 18.6527



6.4679, 6.7408, 6.5661



13.3606, 10.6035, 1.3425



0.2361, 0.2313, 0.0322

Inverse Universe

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



19.7842, 21.1880, 33.1841



32.2732, 34.5671, 58.9431



17.4810, 16.3084, 32.3636



6.1102, 6.4777, 7.8572



6.6678, 5.7322, 25.6627



0.1356, 0.1576, 0.3956

Previews

White Background



This preview shows how the XYZ color 24.0949, 24.3575, 17.6189 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 24.0949, 24.3575, 17.6189 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 24.0949, 24.3575, 17.6189

Background



This preview shows how black text looks on a background with the XYZ color 24.0949, 24.3575, 17.6189.

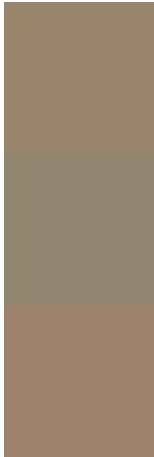


This preview shows how white text looks on a background with the XYZ color 24.0949, 24.3575,

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

24.0949, 24.3575, 17.6189

Protanopia

22.9800, 24.3830, 18.2471

Deuteranopia

24.7900, 24.3171, 17.5745



Tritanopia

26.0169, 24.3412, 27.3718

Trichromacy



Original Color

24.0949, 24.3575, 17.6189

Protanomaly

23.3180, 24.3574, 17.9404

Deuteranomaly

24.5334, 24.3832, 17.6007

Tritanomaly

25.1986, 24.2014, 23.4219

Monochromacy



Original Color

24.0949, 24.3575, 17.6189

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5852, 24.5851, 23.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0949, 24.3575, 17.6189 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, 132, 108)` looks like.

```
.text, #text, p{  
    color:rgb(153, 132, 108)  
}
```

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, 132, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 132, 108) }
```

Border

The CSS property to change the border of an element to XYZ 24.0949, 24.3575, 17.6189 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, 132, 108) }
```


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

```
.border{ border-color:rgb(153, 132, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 132, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 132, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 132, 108);  
box-shadow:4px 4px 4px 4px rgb(153, 132,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0949, 24.3575, 17.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 132, 108) }
```

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

```
.background{ background-color: rgb(153,  
132, 108) }
```

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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