

Converting Colors

XYZ(24.8232, 24.5596, 18.1860)

Have a look what the booklet for
XYZ(24.8232, 24.5596, 18.1860)
contains.

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Color

**XYZ(24.8354, 24.5265,
18.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	9D836E
RGB	157, 131, 110
RGB Percent	62%, 51%, 43%
CMY	0.3843, 0.4863, 0.5686
CMYK	0.00, 0.17, 0.30, 0.38
HSL	27°, 19%, 52%
HSV	27°, 30%, 62%
XYZ	24.8354, 24.5265, 18.1770
YIQ	136.3800, 22.2370, -1.0190

Conversions

Conversions Part 2

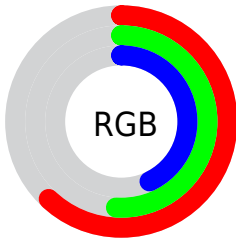
Format	Color
R_{YB}	157, 148, 110
Decimal	10322798
CIE _{Lab}	56.61, 6.68, 15.07
CIE _{LCh}	57, 16.480, 66.104
Yxy	24.5265, 0.3677, 0.3631
Android (android.graphics.Color)	4288512878 (0xFF9D836E)
YUV	136.3800, -13.0053, 18.0837
Hunter-Lab	49.5242, 2.8467, 12.9056

Details

The XYZ color **24.8354, 24.5265, 18.1770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3201, 23.3569, 35.2830**, and the grayscale version is **23.5863, 24.8146, 27.0231**.

A 20% lighter version of the original color is **50.8135, 50.8867, 41.3264**, and **9.7125, 9.3856, 5.8571** is the 20% darker color. If you saturate the color by 10%, you get **22.9375, 21.9795, 13.6942**, and if you desaturate by 10%, it is **26.9839, 27.3319, 23.4911**.

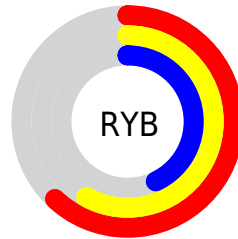
Distribution



Red (62%)

Green (51%)

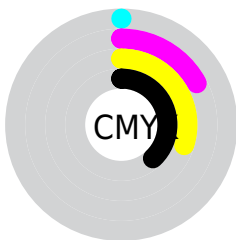
Blue (43%)



Red (62%)

Yellow (58%)

Blue (43%)

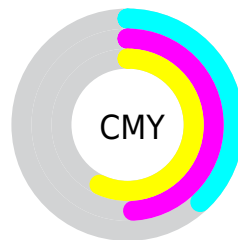


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (38%)



Cyan (38%)


Magenta (49%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8354, 24.5265, 18.1770 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 24.8354, 24.5265, 18.1770 by changing the saturation by 10% instead.


 24.8354, 24.5265,
18.1770

 24.8354, 24.5265,
18.1770


269.3800,
275.4716, 254.1364


 16.0825, 15.7246,
10.9064


 50.8349, 50.8880,
41.1567


 9.6738, 9.3295,
5.8905


 68.8122, 69.2165,
57.7029

 5.2438, 4.9567,
2.7109

 90.5951, 91.4892,
78.1780

 2.4272, 2.2219,
0.9489

 116.5489,
118.0907, 103.0005

 0.8587, 0.7319,
0.0000

147.0389,
149.4053, 132.5891

 0.0000, 0.0000,
0.0000

182.4305,

185.8174, 167.3623

223.0891,
227.7113, 207.7385

■ 24.8354, 24.5265,
18.1770

■ 24.8354, 24.5265,
18.1770

■ 22.9375, 21.9795,
13.6942

■ 26.9839, 27.3319,
23.4911

■ 21.2778, 19.6795,
9.9983

■ 29.3906, 30.3999,
29.6748

■ 19.8458, 17.6193,
7.0430

■ 32.0656, 33.7388,
36.7658

■ 18.6292, 15.7897,
4.7765

■ 35.0173, 37.3556,
44.7991

■ 17.6143, 14.1811,
3.1401

■ 38.2540, 41.2568,
53.8079

■ 16.7855, 12.7825,
2.0650

■ 41.7837, 45.4489,
63.8237

■ 16.1089, 11.5758,
1.3882

■ 45.6138, 49.9382,
74.8765

■ 16.1048, 11.5685,
1.3841

■ 49.7518, 54.7304,
86.9953

■ 54.2045, 59.8316,
100.2078

Harmonies

Analogous

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



26.4152, 24.5265, 20.9605



24.8354, 24.5265, 18.1770



22.9223, 24.5265, 17.5316

Triad

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



24.8354, 24.5265, 18.1770



19.8386, 24.5265, 27.8423



25.5496, 24.5265, 36.1642

Complementary

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



24.8354, 24.5265, 18.1770



21.3201, 23.3569, 35.2830

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.



23.7055, 24.5265, 38.6239



24.8354, 24.5265, 18.1770



20.4613, 24.5265, 33.4140

Square

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



24.8354, 24.5265, 18.1770



20.1044, 24.5265, 22.6569



21.8516, 24.5265, 37.5543



26.8431, 24.5265, 31.2090

Rectangle

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



24.8354, 24.5265, 18.1770



21.7287, 24.5265, 18.3102



21.8516, 24.5265, 37.5543



24.9698, 24.5265, 37.3391

Sweetspot

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



24.8360, 24.5276, 18.1775



52.9838, 54.8817, 54.0547



23.9698, 20.1159, 26.1489



11.5224, 11.9045, 11.5383



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.8360, 24.5276, 18.1775



42.1334, 40.7933, 26.9699



28.2528, 31.3612, 19.3164



6.8649, 7.1097, 6.9962



13.1161, 9.4677, 1.1362



0.2761, 0.2525, 0.0342

Inverse Universe

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



21.3201, 23.3569, 35.2830



34.7883, 38.3441, 62.6944



18.4365, 17.5897, 34.3218



6.5736, 7.0130, 8.4139



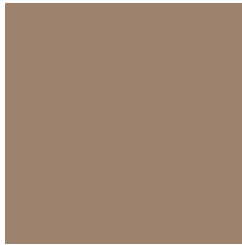
7.7377, 7.5670, 26.9600



0.1802, 0.2191, 0.4960

Previews

White Background



This preview shows how the XYZ color 24.8354, 24.5265, 18.1770 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 24.8354, 24.5265, 18.1770 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 24.8354, 24.5265, 18.1770

Background



This preview shows how black text looks on a background with the XYZ color 24.8354, 24.5265, 18.1770.



This preview shows how white text looks on a background with the XYZ color 24.8354, 24.5265,

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

24.8354, 24.5265, 18.1770

Protanopia

23.2304, 24.7075, 18.8739

Deuteranopia

25.0313, 24.6275, 18.1861



Tritanopia

26.6019, 24.4585, 26.9858

Trichromacy



Original Color

24.8354, 24.5265, 18.1770

Protanomaly

23.7888, 24.5875, 18.5310

Deuteranomaly

25.0313, 24.6275, 18.1861

Tritanomaly

25.8480, 24.3416, 23.4147

Monochromacy



Original Color

24.8354, 24.5265, 18.1770

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8575, 24.5118, 23.5525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8354, 24.5265, 18.1770 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(157, 131, 110)` looks like.

```
.text, #text, p{  
    color:rgb(157, 131, 110)  
}
```

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(157, 131, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 131, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.8354, 24.5265, 18.1770 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(157, 131, 110) }
```


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

```
.border{ border-color:rgb(157, 131, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 131, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 131, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 131, 110);  
box-shadow:4px 4px 4px 4px rgb(157, 131,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8354, 24.5265, 18.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 131, 110) }
```

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

```
.background{ background-color: rgb(157,  
131, 110) }
```

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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