

Converting Colors

XYZ(24.8185, 24.6276, 14.9188)

Have a look what the booklet for
XYZ(24.8185, 24.6276, 14.9188)
contains.

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Color

**XYZ(24.8181, 24.5880,
14.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	A08362
RGB	160, 131, 98
RGB Percent	63%, 51%, 38%
CMY	0.3725, 0.4863, 0.6157
CMYK	0.00, 0.18, 0.39, 0.37
HSL	32°, 25%, 51%
HSV	32°, 39%, 63%
XYZ	24.8181, 24.5880, 14.9932
YIQ	135.9090, 27.8770, -4.1150

Conversions

Conversions Part 2

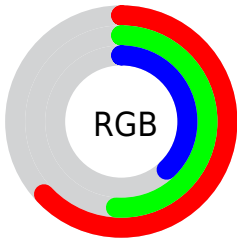
Format	Color
RYB	152, 160, 98
Decimal	10519394
CIELab	56.67, 6.34, 22.02
CIElCh	57, 22.913, 73.937
Yxy	24.5880, 0.3854, 0.3818
Android (android.graphics.Color)	4288709474 (0xFFA08362)
YUV	135.9090, -18.6891, 21.1278
Hunter-Lab	49.5863, 2.5638, 16.7831

Details

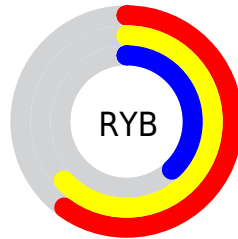
The XYZ color **24.8181, 24.5880, 14.9932** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.9713, 20.3128, 36.1786**, and the grayscale version is **23.4286, 24.6487, 26.8425**.

A 20% lighter version of the original color is **50.8842, 51.0498, 35.6055**, and **9.6782, 9.3994, 4.4361** is the 20% darker color. If you saturate the color by 10%, you get **23.1680, 22.3784, 11.0813**, and if you desaturate by 10%, it is **26.6931, 27.0056, 19.7257**.

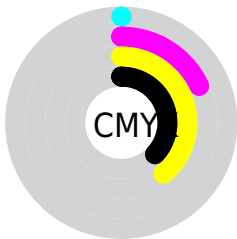
Distribution



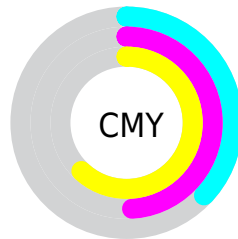
- Red (63%)
- Green (51%)
- Blue (38%)



- Red (60%)
- Yellow (63%)
- Blue (38%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (37%)





- Cyan (37%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8181, 24.5880, 14.9932 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 24.8181, 24.5880, 14.9932 by changing the saturation by 10% instead.


 24.8181, 24.5880,
14.9932

 24.8181, 24.5880,
14.9932

269.2952,
275.7799, 234.9644


 16.0696, 15.7704,
8.6680


 50.8070, 50.9880,
35.5834


 9.6646, 9.3618,
4.4315


 68.7781, 69.3393,
50.6855

 5.2377, 4.9779,
1.8649

 90.5541, 91.6371,
69.5503

 2.4236, 2.2343,
0.4703

 116.5004,
118.2660, 92.5964

 0.8569, 0.7386,
0.0000

146.9823,
149.6103, 120.2424

 0.0000, 0.0000,
0.0000

182.3651,

186.0545, 152.9066

223.0143,
227.9829, 191.0078

■ 24.8181, 24.5880,
14.9932

■ 24.8181, 24.5880,
14.9932

■ 23.1680, 22.3784,
11.0813

■ 26.6931, 27.0056,
19.7257

■ 21.7304, 20.3665,
7.9403

■ 28.8008, 29.6339,
25.3215

■ 20.4943, 18.5465,
5.5174

■ 31.1511, 32.4800,
31.8221

■ 19.4467, 16.9105,
3.7526

■ 33.7526, 35.5496,
39.2659

■ 18.5727, 15.4498,
2.5755

■ 36.6133, 38.8482,
47.6889

■ 17.8444, 14.1505,
1.8483

■ 39.7411, 42.3809,
57.1255

■ 17.7591, 13.9974,
1.7658

■ 43.1432, 46.1528,
67.6081

■ 46.8268, 50.1686,
79.1679

■ 50.7988, 54.4332,
91.8347

Harmonies

Analogous

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



27.2611, 24.5880, 17.8196



24.8181, 24.5880, 14.9932



22.1566, 24.5880, 14.8975

Triad

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



24.8181, 24.5880, 14.9932



18.7377, 24.5880, 30.4677



27.1122, 24.5880, 38.8025

Complementary

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



24.8181, 24.5880, 14.9932



18.9713, 20.3128, 36.1786

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.



24.6272, 24.5880, 43.7069



24.8181, 24.5880, 14.9932



19.8683, 24.5880, 38.3109

Square

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



24.8181, 24.5880, 14.9932



18.7803, 24.5880, 22.9103



21.9797, 24.5880, 43.5115



28.6528, 24.5880, 31.0452

Rectangle

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



24.8181, 24.5880, 14.9932



20.6224, 24.5880, 16.3420



21.9797, 24.5880, 43.5115



26.3517, 24.5880, 40.8998

Sweetspot

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



24.8187, 24.5892, 14.9937



55.0246, 57.1293, 53.4788



22.7591, 17.7669, 22.6406



11.9548, 12.3929, 11.4154



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.



24.8187, 24.5892, 14.9937



42.5947, 41.3524, 21.3342



29.0669, 33.3910, 16.4687



6.9107, 7.2014, 7.0114



13.8785, 10.9927, 1.3903



0.2903, 0.2809, 0.0389

Inverse Universe

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



18.9713, 20.3128, 36.1786



30.5296, 32.5326, 65.0569



15.8623, 13.9283, 35.1101



6.5277, 6.9211, 8.3985



6.9372, 5.9660, 26.6932



0.1660, 0.1907, 0.4913

Previews

White Background



This preview shows how the XYZ color 24.8181, 24.5880, 14.9932 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 24.8181, 24.5880, 14.9932 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 24.8181, 24.5880, 14.9932

Background



This preview shows how black text looks on a background with the XYZ color 24.8181, 24.5880, 14.9932.



This preview shows how white text looks on a background with the XYZ color 24.8181, 24.5880,

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

24.8181, 24.5880, 14.9932

Protanopia

22.9585, 24.6394, 15.6024

Deuteranopia

24.8852, 24.4242, 14.9580



Tritanopia

27.2146, 24.5918, 26.6049

Trichromacy



Original Color

24.8181, 24.5880, 14.9932

Protanomaly

23.5397, 24.5304, 15.2985

Deuteranomaly

24.8852, 24.4242, 14.9580

Tritanomaly

26.3363, 24.6300, 21.7783

Monochromacy



Original Color

24.8181, 24.5880, 14.9932

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7150, 24.4751, 21.8866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8181, 24.5880, 14.9932 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(160, 131, 98)` looks like.

```
.text, #text, p{  
    color:rgb(160, 131, 98)  
}
```

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(160, 131, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 131, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.8181, 24.5880, 14.9932 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(160, 131, 98) }
```


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

```
.border{ border-color:rgb(160, 131, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 131, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 131, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 131, 98);  
box-shadow:4px 4px 4px 4px rgb(160, 131,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8181, 24.5880, 14.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 131, 98) }
```

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

```
.background{ background-color: rgb(160,  
131, 98) }
```

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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