

Converting Colors

XYZ(29.9774, 30.9555, 24.1727)

Have a look what the booklet for
XYZ(29.9774, 30.9555, 24.1727)
contains.

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Color

**XYZ(30.0304, 31.0006,
24.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	A5957E
RGB	165, 149, 126
RGB Percent	65%, 58%, 49%
CMY	0.3529, 0.4157, 0.5059
CMYK	0.00, 0.10, 0.24, 0.35
HSL	35°, 18%, 57%
HSV	35°, 24%, 65%
XYZ	30.0304, 31.0006, 24.1396
YIQ	151.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

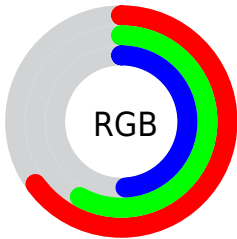
Format	Color
RYB	153, 165, 126
Decimal	10851710
CIELab	62.51, 2.15, 14.31
CIELCh	63, 14.473, 81.456
Yxy	31.0006, 0.3526, 0.3640
Android (android.graphics.Color)	4289041790 (0xFFA5957E)
YUV	151.1620, -12.4049, 12.1359
Hunter-Lab	55.6782, -1.1617, 13.2692

Details

The XYZ color **30.0304, 31.0006, 24.1396** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0685, 26.4975, 39.3908**, and the grayscale version is **29.5318, 31.0698, 33.8350**.

A 20% lighter version of the original color is **59.0078, 61.1822, 51.3471**, and **12.5173, 12.7819, 8.8286** is the 20% darker color. If you saturate the color by 10%, you get **28.0127, 28.5308, 18.6404**, and if you desaturate by 10%, it is **32.2876, 33.6679, 30.5858**.

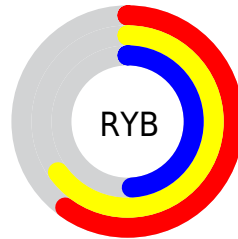
Distribution



Red (65%)

Green (58%)

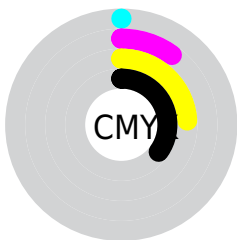
Blue (49%)



Red (60%)

Yellow (65%)

Blue (49%)

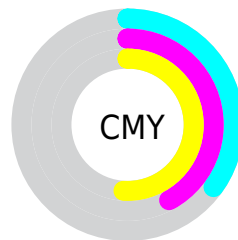


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0304, 31.0006, 24.1396 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 30.0304, 31.0006, 24.1396 by changing the saturation by 10% instead.

■ 30.0304, 31.0006,
24.1396

■ 30.0304, 31.0006,
24.1396

293.9534,
306.5411, 286.8347

■ 20.0099, 20.5993,
15.2241

■ 59.0965, 61.2410,
51.2046

■ 12.5105, 12.8314,
8.8284

■ 78.8729, 81.8489,
70.1911

■ 7.1670, 7.3126,
4.5341

■ 102.6318,
106.6278, 93.3717

■ 3.6140, 3.6583,
1.9227

130.7387,
135.9621, 121.1649

■ 1.4862, 1.4843,
0.5071

163.5590,
170.2362, 153.9893

■ 0.3164, 0.2777,
0.0000

201.4580,

■ 0.0000, 0.0000,

209.8345, 192.2634

0.0000

244.8010,
255.1413, 236.4057

■ 30.0304, 31.0006,
24.1396

■ 30.0304, 31.0006,
24.1396

■ 28.0127, 28.5308,
18.6404

■ 32.2876, 33.6679,
30.5858

■ 26.2225, 26.2488,
14.0406

■ 34.7909, 36.5339,
38.0195

■ 24.6501, 24.1500,
10.2914

■ 37.5496, 39.6047,
46.4815

■ 23.2841, 22.2283,
7.3384

■ 40.5718, 42.8854,
56.0093

■ 22.1120, 20.4767,
5.1210

■ 43.8652, 46.3804,
66.6388

■ 21.1196, 18.8877,
3.5695

■ 47.4372, 50.0942,
78.4041

■ 20.2898, 17.4526,
2.6010

■ 51.2947, 54.0311,
91.3379

■ 19.8217, 16.6086,
2.1611

■ 54.9576, 58.0003,
102.9063

■ 56.5925, 61.2701,
103.4513

Harmonies

Analogous

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



31.8842, 31.0006, 25.9746



30.0304, 31.0006, 24.1396



28.1038, 31.0006, 24.6471

Triad

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



30.0304, 31.0006, 24.1396



26.0848, 31.0006, 37.8717



32.5220, 31.0006, 40.9604

Complementary

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



30.0304, 31.0006, 24.1396



25.0685, 26.4975, 39.3908

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.



30.8697, 31.0006, 44.8672



30.0304, 31.0006, 24.1396



27.1716, 31.0006, 42.9505

Square

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



30.0304, 31.0006, 24.1396



25.8825, 31.0006, 32.1712



28.9070, 31.0006, 45.6334



33.3641, 31.0006, 35.3887

Rectangle

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



30.0304, 31.0006, 24.1396



27.0325, 31.0006, 26.2727



28.9070, 31.0006, 45.6334



32.0395, 31.0006, 42.5366

Sweetspot

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



30.0312, 31.0020, 24.1402



60.6908, 63.5955, 63.2347



27.8795, 24.8819, 29.0233



13.2140, 13.8414, 13.6626



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.0312, 31.0020, 24.1402



51.9683, 53.3207, 38.2226



32.0708, 36.0721, 25.0114



7.4046, 7.7477, 7.4853



15.0453, 12.6645, 1.6515



0.3610, 0.3558, 0.0497

Inverse Universe

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



25.0685, 26.4975, 39.3908



41.6171, 43.9270, 70.0376



23.3440, 22.3255, 38.6764



6.9279, 7.3148, 8.9498



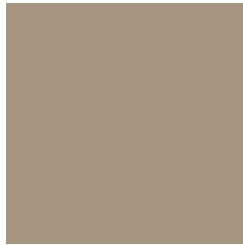
6.7338, 5.2469, 27.5876



0.1874, 0.2021, 0.5950

Previews

White Background



This preview shows how the XYZ color 30.0304, 31.0006, 24.1396 looks on a white background.

Color Contrast Check

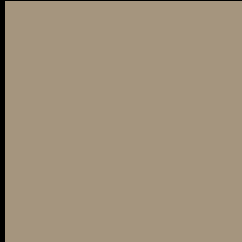
Large Text (above 18pt) WCAG AA × Fail

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 30.0304, 31.0006, 24.1396 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 ✓ Pass

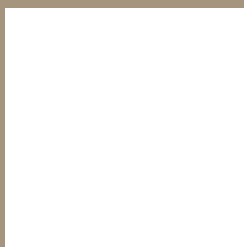
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0304, 31.0006, 24.1396

Background



This preview shows how black text looks on a background with the XYZ color 30.0304, 31.0006, 24.1396.



This preview shows how white text looks on a background with the XYZ color 30.0304, 31.0006,

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

30.0304, 31.0006, 24.1396

Protanopia

29.1954, 31.0365, 24.5305

Deuteranopia

31.4117, 30.7818, 24.3646



Tritanopia

32.4883, 31.0861, 35.7404

Trichromacy



Original Color

30.0304, 31.0006, 24.1396

Protanomaly

29.4351, 30.9221, 24.4958

Deuteranomaly

30.9042, 30.7480, 24.3848

Tritanomaly

31.5382, 30.9269, 31.0953

Monochromacy



Original Color

30.0304, 31.0006, 24.1396

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4991, 30.8336, 29.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0304, 31.0006, 24.1396 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(165, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 126)  
}
```

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(165, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 30.0304, 31.0006, 24.1396 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(165, 149, 126) }
```


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

```
.border{ border-color:rgb(165, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0304, 31.0006, 24.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 126) }
```

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

```
.background{ background-color: rgb(165,  
149, 126) }
```

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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