

Converting Colors

XYZ(30.9979, 31.4769, 30.5217)

Have a look what the booklet for
XYZ(30.9979, 31.4769, 30.5217)
contains.

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Color

**XYZ(30.9685, 31.5824,
30.4504)**

Conversions

Conversions Part 1

Format	Color
Hex	A3968F
RGB	163, 150, 143
RGB Percent	64%, 59%, 56%
CMY	0.3608, 0.4117, 0.4392
CMYK	0.00, 0.08, 0.12, 0.36
HSL	21°, 10%, 60%
HSV	21°, 12%, 64%
XYZ	30.9685, 31.5824, 30.4504
YIQ	153.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

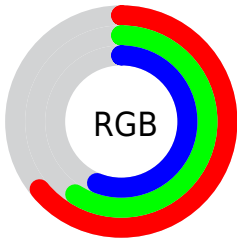
Format	Color
R _Y B	163, 154, 143
Decimal	10720911
CIE Lab	63.00, 3.56, 5.41
CIE LCh	63, 6.475, 56.684
Yxy	31.5824, 0.3330, 0.3396
Android (android.graphics.Color)	4288910991 (0xFFA3968F)
YUV	153.0890, -4.9739, 8.6919
Hunter-Lab	56.1982, 0.0170, 7.2131

Details

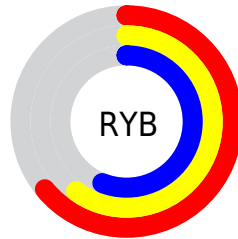
The XYZ color **30.9685, 31.5824, 30.4504** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8268, 32.2602, 39.3053**, and the grayscale version is **30.3356, 31.9155, 34.7559**.

A 20% lighter version of the original color is **60.5844, 62.1224, 61.6210**, and **12.9932, 13.0935, 12.1984** is the 20% darker color. If you saturate the color by 10%, you get **28.2080, 27.8958, 23.8744**, and if you desaturate by 10%, it is **34.0630, 35.6492, 38.0238**.

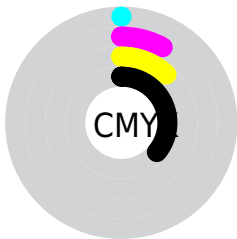
Distribution



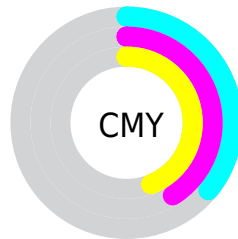
- Red (64%)
- Green (59%)
- Blue (56%)



- Red (64%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9685, 31.5824, 30.4504 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 30.9685, 31.5824, 30.4504 by changing the saturation by 10% instead.

■ 30.9685, 31.5824,
30.4504

■ 30.9685, 31.5824,
30.4504

298.2226,
309.2125, 318.2707

■ 20.7266, 21.0427,
19.9258

■ 60.5667, 62.1558,
61.4431

■ 13.0356, 13.1552,
12.1575

■ 80.6536, 82.9584,
82.7483

■ 7.5302, 7.5355,
6.7272

104.7529,
107.9507, 108.4841

■ 3.8451, 3.7992,
3.2163

133.2300,
137.5172, 139.0690

■ 1.6149, 1.5619,
1.2061

166.4501,
172.0422, 174.9215

■ 0.4021, 0.3317,
0.0000

204.7787,

■ 0.0000, 0.0000,

211.9102, 216.4603

0.0000

248.5811,
257.5055, 264.1039

■ 30.9685, 31.5824,
30.4504

■ 30.9685, 31.5824,
30.4504

■ 28.2080, 27.8958,
23.8744

■ 34.0630, 35.6492,
38.0238

■ 25.7672, 24.5741,
18.2518

■ 37.5000, 40.1026,
46.6319

■ 23.6345, 21.6069,
13.5383

■ 41.2910, 44.9544,
56.3126

■ 21.7965, 18.9820,
9.6855

■ 45.4461, 50.2142,
67.1015

■ 20.2388, 16.6861,
6.6400

■ 49.9749, 55.8915,
79.0322

■ 18.9457, 14.7052,
4.3428

■ 54.8869, 61.9955,
92.1371

■ 17.8995, 13.0241,
2.7265

■ 59.8506, 68.3990,
104.6556

■ 17.0800, 11.6257,
1.7112

■ 62.7892, 74.2763,
105.6352

■ 16.5713, 10.7204,
1.1958

■ 65.9084, 80.5147,
106.6749

Harmonies

Analogous

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



31.5742, 31.5824, 32.2323



30.9685, 31.5824, 30.4504



30.1173, 31.5824, 29.7207

Triad

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



30.9685, 31.5824, 30.4504



28.3409, 31.5824, 34.1050



30.7937, 31.5824, 38.9584

Complementary

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



30.9685, 31.5824, 30.4504



29.8268, 32.2602, 39.3053

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.



29.9192, 31.5824, 39.5197



30.9685, 31.5824, 30.4504



28.5140, 31.5824, 36.6375

Square

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



30.9685, 31.5824, 30.4504



28.6098, 31.5824, 31.7640



29.0874, 31.5824, 38.6509



31.4719, 31.5824, 37.1524

Rectangle

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



30.9685, 31.5824, 30.4504



29.5292, 31.5824, 29.9009



29.0874, 31.5824, 38.6509



30.5124, 31.5824, 39.3026

Sweetspot

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



30.9694, 31.5838, 30.4511



59.9591, 62.4798, 65.5146



30.9278, 29.8322, 35.5809



13.3732, 13.9106, 14.4843



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.



30.9694, 31.5838, 30.4511



53.9139, 54.5064, 50.8072



32.6333, 34.9116, 31.0057



7.2672, 7.4728, 7.4395



12.9181, 8.4102, 0.9425



0.3145, 0.2628, 0.0342

Inverse Universe

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



29.8268, 32.2602, 39.3053



51.4172, 55.9834, 70.1520



28.2178, 29.0422, 38.7690



7.0664, 7.5918, 8.9960



9.1811, 10.1415, 28.4034



0.2346, 0.2965, 0.6107

Previews

White Background



This preview shows how the XYZ color 30.9685, 31.5824, 30.4504 looks on a white background.

Color Contrast Check

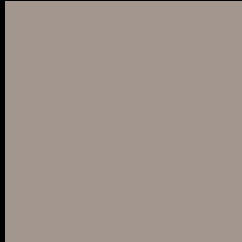
Large Text (above 18pt) WCAG AA × Fail

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 30.9685, 31.5824, 30.4504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

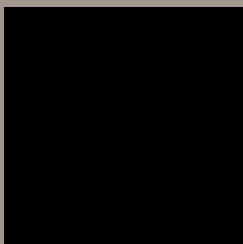
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

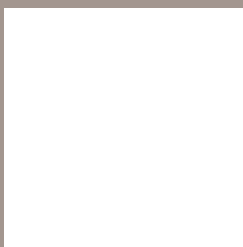
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9685, 31.5824, 30.4504

Background



This preview shows how black text looks on a background with the XYZ color 30.9685, 31.5824, 30.4504.



This preview shows how white text looks on a background with the XYZ color 30.9685, 31.5824,

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

30.9685, 31.5824, 30.4504

Protanopia

30.1669, 31.6382, 30.9024

Deuteranopia

32.2623, 31.5390, 30.7728



Tritanopia

32.3650, 31.6823, 37.2104

Trichromacy



Original Color

30.9685, 31.5824, 30.4504

Protanomaly

30.3987, 31.5178, 30.8669

Deuteranomaly

31.7724, 31.5183, 30.7946

Tritanomaly

31.8071, 31.6873, 34.5768

Monochromacy



Original Color

30.9685, 31.5824, 30.4504

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5577, 31.7945, 32.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9685, 31.5824, 30.4504 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(163, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(163, 150, 143)  
}
```

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(163, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 150, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.9685, 31.5824, 30.4504 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(163, 150, 143) }
```


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

```
.border{ border-color:rgb(163, 150, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(163, 150,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9685, 31.5824, 30.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 150, 143) }
```

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

```
.background{ background-color: rgb(163,  
150, 143) }
```

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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