

Converting Colors

XYZ(31.9164, 30.5770, 24.9887)

Have a look what the booklet for
XYZ(31.9164, 30.5770, 24.9887)
contains.

XYZ(31.9164, 30.5770, 24.9887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.9164, 30.5770,
24.9887)**

Conversions

Conversions Part 1

Format	Color
Hex	B18F81
RGB	177, 143, 129
RGB Percent	69%, 56%, 51%
CMY	0.3059, 0.4392, 0.4941
CMYK	0.00, 0.19, 0.27, 0.31
HSL	18°, 24%, 60%
HSV	18°, 27%, 69%
XYZ	31.9164, 30.5770, 24.9887
YIQ	151.5700, 24.7580, 2.8540

Conversions

Conversions Part 2

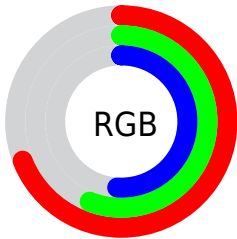
Format	Color
RYB	177, 149, 129
Decimal	11636609
CIELab	62.15, 10.68, 12.29
CIELCh	62, 16.284, 48.999
Yxy	30.5770, 0.3648, 0.3495
Android (android.graphics.Color)	4289826689 (0xFFB18F81)
YUV	151.5700, -11.1270, 22.3021
Hunter-Lab	55.2965, 6.2590, 11.9141

Details

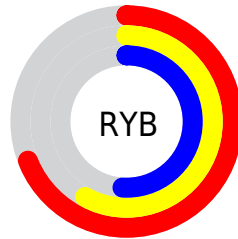
The XYZ color **31.9164, 30.5770, 24.9887** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0860, 34.0350, 46.5789**, and the grayscale version is **29.6994, 31.2461, 34.0270**.

A 20% lighter version of the original color is **62.0140, 60.6335, 52.6909**, and **13.6745, 12.6930, 9.3187** is the 20% darker color. If you saturate the color by 10%, you get **29.0625, 26.5916, 18.7270**, and if you desaturate by 10%, it is **35.1861, 35.0674, 32.3952**.

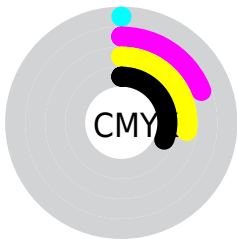
Distribution



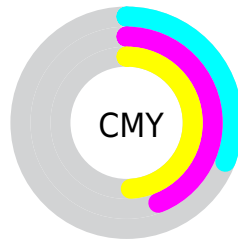
- Red (69%)
- Green (56%)
- Blue (51%)



- Red (69%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9164, 30.5770, 24.9887 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 31.9164, 30.5770, 24.9887 by changing the saturation by 10% instead.

■ 31.9164, 30.5770,
24.9887

■ 31.9164, 30.5770,
24.9887

302.4903,
304.5848, 291.2275

■ 21.4529, 20.2770,
15.8497

■ 62.0461, 60.5735,
52.6028

■ 13.5698, 12.5965,
9.2647

■ 82.4430, 81.0387,
71.9149

■ 7.9018, 7.1513,
4.8150

■ 106.8817,
105.6611, 95.4552

■ 4.0834, 3.5569,
2.0823

135.7276,
134.8251, 123.6422

■ 1.7494, 1.4289,
0.6052

169.3461,
168.9151, 156.8944

■ 0.4869, 0.2379,
0.0000

208.1024,

■ 0.0000, 0.0000,

208.3154, 195.6303

0.0000

252.3621,
253.4105, 240.2685

■ 31.9164, 30.5770,
24.9887

■ 31.9164, 30.5770,
24.9887

■ 29.0625, 26.5916,
18.7270

■ 35.1861, 35.0674,
32.3952

■ 26.6045, 23.0890,
13.5505

■ 38.8856, 40.0757,
40.9982

■ 24.5246, 20.0515,
9.3972


■ 43.0309, 45.6194,
50.8484

■ 22.8024, 17.4587,
6.1979


■ 47.6367, 51.7141,
61.9931


■ 21.4155, 15.2885,
3.8747


■ 52.7170, 58.3746,
74.4771

 20.3385, 13.5167,
2.3372

 58.2852, 65.6151,
88.3430

 19.5376, 12.1146,
1.4551

 64.3539, 73.4494,
103.6317

 19.3434, 11.7709,
1.2525

 68.3204, 80.8449,
106.6115

 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



33.2327, 30.5770, 29.5159



31.9164, 30.5770, 24.9887



29.8742, 30.5770, 22.7940

Triad

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



31.9164, 30.5770, 24.9887



25.1183, 30.5770, 31.0425



30.4564, 30.5770, 46.0606

Complementary

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



31.9164, 30.5770, 24.9887



30.0860, 34.0350, 46.5789

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.



28.2656, 30.5770, 46.6039



31.9164, 30.5770, 24.9887



25.2566, 30.5770, 37.3797

Square

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



31.9164, 30.5770, 24.9887



25.9962, 30.5770, 25.9850



26.3840, 30.5770, 43.2595



32.3610, 30.5770, 41.8572

Rectangle

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



31.9164, 30.5770, 24.9887



28.4082, 30.5770, 22.7372



26.3840, 30.5770, 43.2595



29.7268, 30.5770, 46.6955

Sweetspot

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



31.9172, 30.5784, 24.9893



68.9315, 70.8170, 71.7560



32.6288, 27.7067, 38.4671



14.7178, 15.0496, 15.0336



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.9172, 30.5784, 24.9893



53.7839, 50.0613, 37.2974



35.8398, 38.4235, 26.2968



8.6917, 8.8959, 8.9115



14.0614, 8.6214, 0.9230



0.4941, 0.3746, 0.0463

Inverse Universe

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



30.0860, 34.0350, 46.5789



49.9057, 57.3544, 82.9355



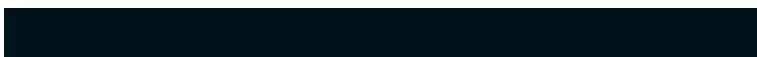
26.2801, 26.4232, 45.3103



8.5291, 9.2044, 10.8334



11.1508, 13.1020, 32.0782



0.3982, 0.5069, 1.0251

Previews

White Background



This preview shows how the XYZ color 31.9164, 30.5770, 24.9887 looks on a white background.

Color Contrast Check

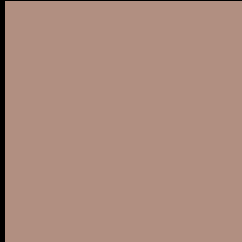
Large Text (above 18pt) WCAG AA × Fail

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 31.9164, 30.5770, 24.9887 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

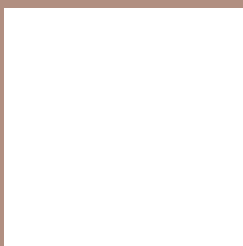
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9164, 30.5770, 24.9887

Background



This preview shows how black text looks on a background with the XYZ color 31.9164, 30.5770, 24.9887.



This preview shows how white text looks on a background with the XYZ color 31.9164, 30.5770,

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

31.9164, 30.5770, 24.9887

Protanopia

29.0446, 30.6742, 26.5802

Deuteranopia

31.3214, 30.7200, 25.0476



Tritanopia

33.5544, 30.5742, 33.4111

Trichromacy



Original Color

31.9164, 30.5770, 24.9887

Protanomaly

29.9084, 30.4259, 26.1262

Deuteranomaly

31.3913, 30.5302, 25.0073

Tritanomaly

32.8429, 30.4979, 30.1423

Monochromacy



Original Color

31.9164, 30.5770, 24.9887

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4794, 31.0856, 30.7792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9164, 30.5770, 24.9887 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(177, 143, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 143, 129)  
}
```

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(177, 143, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 143, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.9164, 30.5770, 24.9887 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(177, 143, 129) }
```


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

```
.border{ border-color:rgb(177, 143, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 143, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 143, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 143, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 143,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9164, 30.5770, 24.9887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 143, 129) }
```

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

```
.background{ background-color: rgb(177,  
143, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor