

Converting Colors

XYZ(34.4697, 30.1512, 24.1176)

Have a look what the booklet for
XYZ(34.4697, 30.1512, 24.1176)
contains.

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Color

**XYZ(34.4871, 30.1977,
24.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	C1877F
RGB	193, 135, 127
RGB Percent	76%, 53%, 50%
CMY	0.2431, 0.4706, 0.5020
CMYK	0.00, 0.30, 0.34, 0.24
HSL	7°, 35%, 63%
HSV	7°, 34%, 76%
XYZ	34.4871, 30.1977, 24.0897
YIQ	151.4300, 37.1360, 9.8080

Conversions

Conversions Part 2

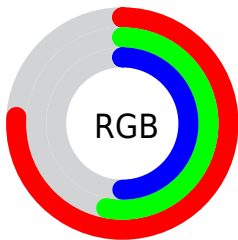
Format	Color
RYB	193, 136, 127
Decimal	12683135
CIELab	61.82, 21.17, 13.22
CIELCh	62, 24.959, 31.974
Yxy	30.1977, 0.3885, 0.3402
Android (android.graphics.Color)	4290873215 (0xFFC1877F)
YUV	151.4300, -12.0440, 36.4569
Hunter-Lab	54.9524, 15.8564, 12.4755

Details

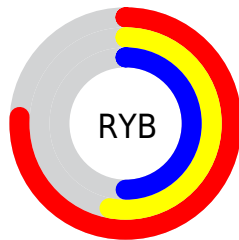
The XYZ color **34.4871, 30.1977, 24.0897** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7264, 43.0588, 56.8805**, and the grayscale version is **29.6393, 31.1828, 33.9581**.

A 20% lighter version of the original color is **66.2195, 60.1997, 51.3096**, and **15.1049, 12.4503, 8.8148** is the 20% darker color. If you saturate the color by 10%, you get **31.1671, 25.3814, 17.3605**, and if you desaturate by 10%, it is **38.4266, 35.8671, 32.2148**.

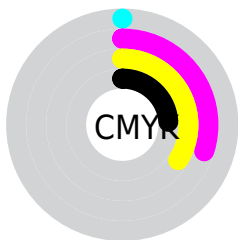
Distribution



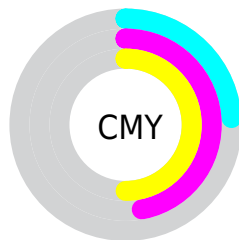
- Red (76%)
- Green (53%)
- Blue (50%)



- Red (76%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4871, 30.1977, 24.0897 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 34.4871, 30.1977, 24.0897 by changing the saturation by 10% instead.


 34.4871, 30.1977,
24.0897


 34.4871, 30.1977,
24.0897


313.8464,
302.8249, 286.5748


 23.4327, 19.9887,
15.1874


 66.0297, 59.9747,
51.1222

 15.0358, 12.3868,
8.8029


 87.2486, 80.3115,
70.0894

 8.9310, 7.0077,
4.5178


 112.5865,
104.7930, 93.2487

 4.7529, 3.4669,
1.9135

142.4085,
133.8035, 121.0186

 2.1363, 1.3801,
0.5013

177.0802,
167.7276, 153.8176

 0.7088, 0.2020,
0.0000

216.9668,

 0.0000, 0.0000,

206.9496, 192.0643

0.0000

262.4338,
251.8539, 236.1772

■ 34.4871, 30.1977,
24.0897

■ 34.4871, 30.1977,
24.0897

■ 31.1671, 25.3814,
17.3605

■ 38.4266, 35.8671,
32.2148

■ 28.4326, 21.3728,
11.9466

■ 43.0126, 42.4236,
41.8064

■ 26.2499, 18.1287,
7.7623


■ 48.2732, 49.9048,
52.9325


■ 24.5809, 15.6003,
4.7107


■ 54.2345, 58.3444,
65.6564


■ 23.3827, 13.7328,
2.6804


■ 60.9207, 67.7749,
80.0378

 22.6048, 12.4637,
1.5371

 68.3553, 78.2270,
96.1333

 22.3069, 11.9665,
1.1341

 75.3958, 89.2643,
107.8637

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



35.5929, 30.1977, 32.2523



34.4871, 30.1977, 24.0897



31.8189, 30.1977, 19.1973

Triad

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



34.4871, 30.1977, 24.0897



23.4099, 30.1977, 24.9902



28.9232, 30.1977, 54.8382

Complementary

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



34.4871, 30.1977, 24.0897



35.7264, 43.0588, 56.8805

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.



25.7956, 30.1977, 51.8821



34.4871, 30.1977, 24.0897



22.7633, 30.1977, 33.5161

Square

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



34.4871, 30.1977, 24.0897



25.4413, 30.1977, 19.6421



23.6030, 30.1977, 43.5847



32.2300, 30.1977, 51.0304

Rectangle

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



34.4871, 30.1977, 24.0897



29.6059, 30.1977, 17.8524



23.6030, 30.1977, 43.5847



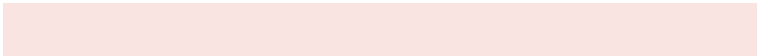
27.8167, 30.1977, 54.6010

Sweetspot

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



34.4879, 30.1991, 24.0903



80.6939, 81.1910, 82.5882



38.3706, 30.0320, 49.8398



17.0315, 17.0197, 17.1268



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.4879, 30.1991, 24.0903



57.2373, 47.5213, 33.9413



39.7707, 40.7647, 25.8512



10.1694, 10.2703, 10.5083



14.8686, 8.0230, 0.7649



0.6756, 0.4131, 0.0441

Inverse Universe

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



35.7264, 43.0588, 56.8805



59.7733, 73.9833, 101.4901



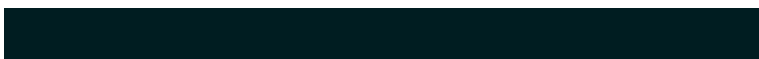
29.6553, 30.9166, 54.8568



10.2609, 11.2132, 12.9084



15.9518, 21.6601, 36.8967



0.7192, 0.9958, 1.6042

Previews

White Background



This preview shows how the XYZ color 34.4871, 30.1977, 24.0897 looks on a white background.

Color Contrast Check

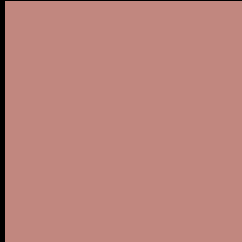
Large Text (above 18pt) WCAG AA × Fail

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 34.4871, 30.1977, 24.0897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

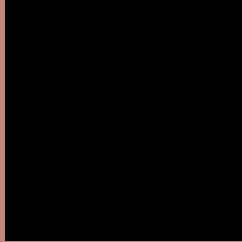
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4871, 30.1977, 24.0897

Background



This preview shows how black text looks on a background with the XYZ color 34.4871, 30.1977, 24.0897.



This preview shows how white text looks on a background with the XYZ color 34.4871, 30.1977,

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

34.4871, 30.1977, 24.0897

Protanopia

28.7608, 30.2840, 26.8838

Deuteranopia

30.9085, 30.3114, 23.6237



Tritanopia

35.8511, 30.3603, 29.9572

Trichromacy



Original Color

34.4871, 30.1977, 24.0897

Protanomaly

30.4322, 30.0202, 25.6633

Deuteranomaly

32.1132, 30.2594, 23.8868

Tritanomaly

35.2886, 30.3257, 27.6604

Monochromacy



Original Color

34.4871, 30.1977, 24.0897

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.7338, 30.3108, 29.8219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4871, 30.1977, 24.0897 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(193, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(193, 135, 127)  
}
```

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(193, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 135, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.4871, 30.1977, 24.0897 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(193, 135, 127) }
```


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

```
.border{ border-color:rgb(193, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 135, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 135, 127); box-shadow:4px 4px 4px 4px rgb(193, 135, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4871, 30.1977, 24.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 135, 127) }
```

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

```
.background{ background-color: rgb(193,  
135, 127) }
```

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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