

Converting Colors

XYZ(31.4772, 30.8080, 24.7096)

Have a look what the booklet for
XYZ(31.4772, 30.8080, 24.7096)
contains.

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Color

**XYZ(31.4772, 30.8080,
24.7096)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AE9180 |
| RGB | 174, 145, 128 |
| RGB Percent | 68%, 57%, 50% |
| CMY | 0.3176, 0.4314, 0.4980 |
| CMYK | 0.00, 0.17, 0.26, 0.32 |
| HSL | 22°, 22%, 59% |
| HSV | 22°, 26%, 68% |
| XYZ | 31.4772, 30.8080, 24.7096 |
| YIQ | 151.7330, 22.7410, 0.8610 |

Conversions

Conversions Part 2

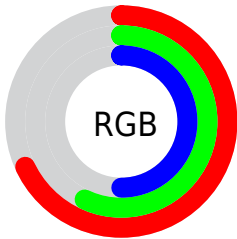
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 174, 155, 128 |
| Decimal | 11440512 |
| CIELab | 62.35, 8.24, 13.09 |
| CIElCh | 62, 15.462, 57.815 |
| Yxy | 30.8080, 0.3618, 0.3541 |
| Android (android.graphics.Color) | 4289630592 (0xFFAE9180) |
| YUV | 151.7330, -11.7004, 19.5282 |
| Hunter-Lab | 55.5050, 4.0948, 12.4588 |

Details

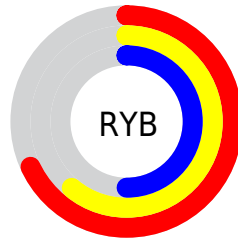
The XYZ color **31.4772, 30.8080, 24.7096** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.5986, 31.7581, 44.6670**, and the grayscale version is **29.7726, 31.3230, 34.1108**.

A 20% lighter version of the original color is **61.3970, 61.0060, 52.2554**, and **13.3886, 12.8139, 9.1648** is the 20% darker color. If you saturate the color by 10%, you get **28.8330, 27.1979, 18.6541**, and if you desaturate by 10%, it is **34.4813, 34.8232, 31.8547**.

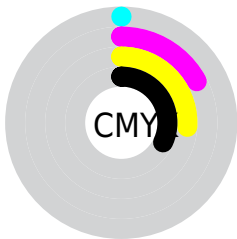
Distribution



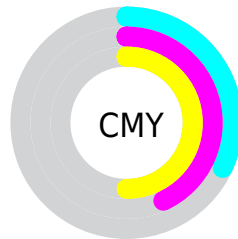
- Red (68%)
- Green (57%)
- Blue (50%)



- Red (68%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (32%)




- Cyan (32%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4772, 30.8080, 24.7096 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 31.4772, 30.8080, 24.7096 by changing the saturation by 10% instead.


 31.4772, 30.8080,
24.7096


 31.4772, 30.8080,
24.7096


300.5186,
305.6528, 289.7899

 21.1161, 20.4527,
15.6438


 61.3613, 60.9377,
52.1440

 13.3218, 12.7245,
9.1208

 81.6151, 81.4808,
71.3496

 7.7291, 7.2391,
4.7222

 105.8971,
106.1887, 94.7723

 3.9724, 3.6121,
2.0293

134.5727,
135.4457, 122.8305

 1.6865, 1.4590,
0.5732

168.0074,
169.6362, 155.9428

 0.4478, 0.2596,
0.0000

206.5663,

 0.0000, 0.0000,

209.1446, 194.5278

0.0000

250.6149,
254.3554, 239.0040

■ 31.4772, 30.8080,
24.7096

■ 31.4772, 30.8080,
24.7096

■ 28.8330, 27.1979,
18.6541

■ 34.4813, 34.8232,
31.8547

■ 26.5317, 23.9754,
13.6321

■ 37.8565, 39.2516,
40.1381

■ 24.5584, 21.1282,
9.5851

■ 41.6166, 44.1067,
49.6076

■ 22.8960, 18.6413,
6.4481

■ 45.7738, 49.3998,
60.3078

■ 21.5258, 16.4988,
4.1480

■ 50.3399, 55.1419,
72.2810

■ 20.4264, 14.6832,
2.6001

■ 55.3260, 61.3435,
85.5676

■ 19.5705, 13.1741,
1.6895

■ 60.7430, 68.0148,
100.2058

■ 19.3070, 12.7015,
1.4340

■ 64.5736, 74.3548,
105.5563

■ 67.7713, 80.7502,
106.6222

Harmonies

Analogous

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



32.9855, 30.8080, 28.4516



31.4772, 30.8080, 24.7096



29.4357, 30.8080, 23.3003

Triad

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



31.4772, 30.8080, 24.7096



25.4439, 30.8080, 33.1073



31.1993, 30.8080, 44.7992

Complementary

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



31.4772, 30.8080, 24.7096



28.5986, 31.7581, 44.6670

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.



29.1290, 30.8080, 46.4223



31.4772, 30.8080, 24.7096



25.8667, 30.8080, 39.2119

Square

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



31.4772, 30.8080, 24.7096



26.0082, 30.8080, 27.7754



27.1915, 30.8080, 44.2686



32.8198, 30.8080, 40.0622

Rectangle

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



31.4772, 30.8080, 24.7096



28.0687, 30.8080, 23.7296



27.1915, 30.8080, 44.2686



30.5299, 30.8080, 45.7501

Sweetspot

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



31.4780, 30.8094, 24.7102



67.5752, 69.7747, 70.0942



31.2721, 26.8762, 35.4976



14.8111, 15.2362, 15.0647



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.



31.4780, 30.8094, 24.7102



54.0815, 51.7842, 37.8594



35.3300, 38.5133, 25.9942



8.2387, 8.4821, 8.4164



14.0562, 9.3178, 1.0577



0.4443, 0.3657, 0.0472

Inverse Universe

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



28.5986, 31.7581, 44.6670



47.9253, 53.8024, 80.4958



25.0859, 24.7326, 43.4961



7.9837, 8.5668, 10.1855



9.6188, 10.3715, 30.5394



0.3175, 0.3884, 0.8662

Previews

White Background



This preview shows how the XYZ color 31.4772, 30.8080, 24.7096 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 31.4772, 30.8080, 24.7096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

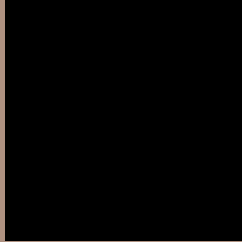
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4772, 30.8080, 24.7096

Background



This preview shows how black text looks on a background with the XYZ color 31.4772, 30.8080, 24.7096.



This preview shows how white text looks on a background with the XYZ color 31.4772, 30.8080,

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

31.4772, 30.8080, 24.7096

Protanopia

29.1036, 30.7205, 25.8684

Deuteranopia

31.4772, 30.8080, 24.7096



Tritanopia

33.3238, 30.6639, 33.8681

Trichromacy



Original Color

31.4772, 30.8080, 24.7096

Protanomaly

29.9290, 30.6840, 25.4643

Deuteranomaly

31.4772, 30.8080, 24.7096

Tritanomaly

32.5354, 30.5593, 30.1703

Monochromacy



Original Color

31.4772, 30.8080, 24.7096

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2026, 30.9516, 30.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4772, 30.8080, 24.7096 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(174, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 128)  
}
```

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(174, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.4772, 30.8080, 24.7096 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(174, 145, 128) }
```


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

```
.border{ border-color:rgb(174, 145, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4772, 30.8080, 24.7096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 128) }
```

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

```
.background{ background-color: rgb(174,  
145, 128) }
```

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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