

Converting Colors

XYZ(31.7621, 34.3585, 24.0266)

Have a look what the booklet for
XYZ(31.7621, 34.3585, 24.0266)
contains.

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Color

**XYZ(31.7621, 34.3585,
24.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	A69F7C
RGB	166, 159, 124
RGB Percent	65%, 62%, 49%
CMY	0.3490, 0.3765, 0.5137
CMYK	0.00, 0.04, 0.25, 0.35
HSL	50°, 19%, 57%
HSV	50°, 25%, 65%
XYZ	31.7621, 34.3585, 24.0266
YIQ	157.1030, 15.4070, -9.4010

Conversions

Conversions Part 2

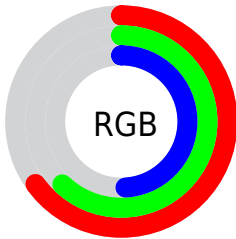
Format	Color
RYB	132, 166, 124
Decimal	10919804
CIELab	65.25, -3.23, 19.22
CIElCh	65, 19.491, 99.532
Yxy	34.3585, 0.3523, 0.3811
Android (android.graphics.Color)	4289109884 (0xFFA69F7C)
YUV	157.1030, -16.3198, 7.8027
Hunter-Lab	58.6161, -5.8551, 16.7285

Details

The XYZ color **31.7621, 34.3585, 24.0266** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3113, 23.2703, 39.3395**, and the grayscale version is **32.1612, 33.8361, 36.8475**.

A 20% lighter version of the original color is **61.8012, 66.6396, 51.2004**, and **13.5720, 14.8105, 8.8000** is the 20% darker color. If you saturate the color by 10%, you get **30.3296, 33.0343, 18.7986**, and if you desaturate by 10%, it is **33.3838, 35.7778, 30.1904**.

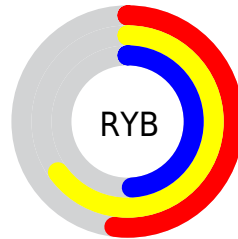
Distribution



Red (65%)

Green (62%)

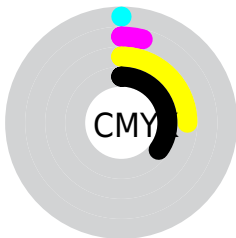
Blue (49%)



Red (52%)

Yellow (65%)

Blue (49%)

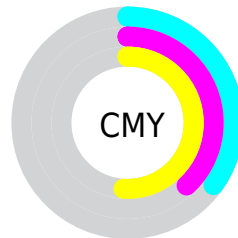


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7621, 34.3585, 24.0266 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 31.7621, 34.3585, 24.0266 by changing the saturation by 10% instead.

■ 31.7621, 34.3585,
24.0266

■ 31.7621, 34.3585,
24.0266

301.7987,
321.7276, 286.2458

■ 21.3345, 23.1691,
15.1410

■ 61.8057, 66.4908,
51.0180

■ 13.4826, 14.7185,
8.7707

■ 82.1524, 88.2025,
69.9608

■ 7.8410, 8.6220,
4.4971

■ 106.5361,
114.1904, 93.0931

■ 4.0443, 4.4955,
1.9018

135.3224,
144.8390, 120.8335

■ 1.7272, 1.9544,
0.4939

168.8764,
180.5327, 153.6004

■ 0.4732, 0.5808,
0.0000

207.5635,

■ 0.0000, 0.0000,

221.6557, 191.8124

0.0000

251.7492,
268.5926, 235.8880

■ 31.7621, 34.3585,
24.0266

■ 31.7621, 34.3585,
24.0266

■ 30.3296, 33.0343,
18.7986

■ 33.3838, 35.7778,
30.1904

■ 29.0747, 31.7969,
14.4577

■ 35.2003, 37.2909,
37.3312

■ 27.9886, 30.6438,
10.9539

■ 37.2203, 38.9026,
45.4903

■ 27.0606, 29.5706,
8.2315

■ 39.4510, 40.6161,
54.7060

■ 26.2789, 28.5726,
6.2280

■ 41.8996, 42.4341,
65.0147

■ 25.6296, 27.6439,
4.8712

■ 44.5725, 44.3594,
76.4510

■ 25.0955, 26.7777,
4.0700

■ 47.4763, 46.3946,
89.0480

■ 24.8645, 26.3842,
3.7822

■ 50.3253, 48.4258,
101.3024

■ 50.8937, 49.5625,
101.4919

Harmonies

Analogous

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



34.6008, 34.3585, 24.6046



31.7621, 34.3585, 24.0266



29.3076, 34.3585, 26.6125

Triad

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



31.7621, 34.3585, 24.0266



28.6291, 34.3585, 48.2566



38.0362, 34.3585, 43.1414

Complementary

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



31.7621, 34.3585, 24.0266



23.3113, 23.2703, 39.3395

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.



36.2518, 34.3585, 50.7937



31.7621, 34.3585, 24.0266



30.7868, 34.3585, 54.0309

Square

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



31.7621, 34.3585, 24.0266



27.5690, 34.3585, 40.0565



33.5680, 34.3585, 55.0211



38.3347, 34.3585, 34.8838

Rectangle

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



31.7621, 34.3585, 24.0266



28.1788, 34.3585, 30.0377



33.5680, 34.3585, 55.0211



37.5855, 34.3585, 45.9008

Sweetspot

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



31.7630, 34.3600, 24.0273



62.9091, 66.8791, 63.8761



27.0306, 24.1614, 24.7121



13.9680, 14.8754, 13.8606



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.7630, 34.3600, 24.0273



56.2377, 61.0748, 38.4124



30.2235, 35.4032, 24.3098



8.0389, 8.5579, 8.0174



19.3104, 20.5180, 2.9426



0.4972, 0.5539, 0.0807

Inverse Universe

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



23.3113, 23.2703, 39.3395



38.4079, 37.6828, 70.7245



24.5722, 22.5722, 39.1383



7.2290, 7.4950, 9.4840



5.6773, 2.8148, 28.2196



0.1667, 0.1257, 0.6961

Previews

White Background



This preview shows how the XYZ color 31.7621, 34.3585, 24.0266 looks on a white background.

Color Contrast Check

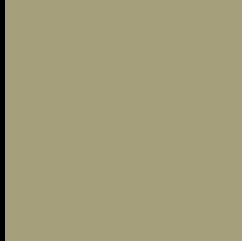
Large Text (above 18pt) WCAG AA × Fail

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 31.7621, 34.3585, 24.0266 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

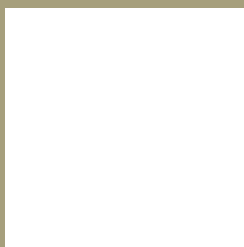
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7621, 34.3585, 24.0266

Background



This preview shows how black text looks on a background with the XYZ color 31.7621, 34.3585, 24.0266.



This preview shows how white text looks on a background with the XYZ color 31.7621, 34.3585,

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

31.7621, 34.3585, 24.0266

Protanopia

32.2271, 34.3440, 23.9993

Deuteranopia

34.9375, 34.2514, 24.1718



Tritanopia

34.9774, 34.1570, 40.3468

Trichromacy



Original Color

31.7621, 34.3585, 24.0266

Protanomaly

32.0134, 34.2338, 23.9893

Deuteranomaly

33.7831, 34.3883, 24.2591

Tritanomaly

33.5886, 34.0797, 33.6619

Monochromacy



Original Color

31.7621, 34.3585, 24.0266

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8349, 33.9716, 31.6674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7621, 34.3585, 24.0266 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(166, 159, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 124)  
}
```

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(166, 159, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 124) }
```

Border

The CSS property to change the border of an element to XYZ 31.7621, 34.3585, 24.0266 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(166, 159, 124) }
```


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

```
.border{ border-color:rgb(166, 159, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 159, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7621, 34.3585, 24.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 124) }
```

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

```
.background{ background-color: rgb(166,  
159, 124) }
```

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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