

Converting Colors

XYZ(30.2154, 31.5743, 24.5810)

Have a look what the booklet for
XYZ(30.2154, 31.5743, 24.5810)
contains.

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Color

**XYZ(30.2072, 31.5580,
24.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	A4977F
RGB	164, 151, 127
RGB Percent	64%, 59%, 50%
CMY	0.3569, 0.4078, 0.5020
CMYK	0.00, 0.08, 0.23, 0.36
HSL	39°, 17%, 57%
HSV	39°, 23%, 64%
XYZ	30.2072, 31.5580, 24.5779
YIQ	152.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

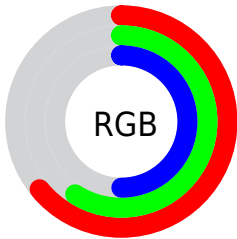
Format	Color
RYB	147, 164, 127
Decimal	10786687
CIELab	62.98, 0.80, 14.39
CIELCh	63, 14.413, 86.814
Yxy	31.5580, 0.3499, 0.3655
Android (android.graphics.Color)	4288976767 (0xFFA4977F)
YUV	152.1510, -12.3994, 10.3916
Hunter-Lab	56.1765, -2.3260, 13.3835

Details

The XYZ color **30.2072, 31.5580, 24.5779** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8312, 25.9479, 38.8218**, and the grayscale version is **29.9581, 31.5182, 34.3233**.

A 20% lighter version of the original color is **59.2830, 62.0180, 52.0261**, and **12.6144, 13.1091, 9.0732** is the 20% darker color. If you saturate the color by 10%, you get **28.3199, 29.3567, 19.0979**, and if you desaturate by 10%, it is **32.3155, 33.9223, 30.9907**.

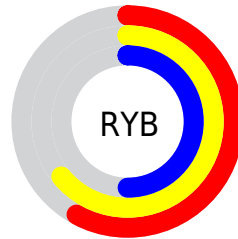
Distribution



Red (64%)

Green (59%)

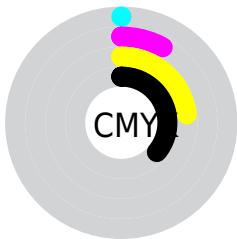
Blue (50%)



Red (58%)

Yellow (64%)

Blue (50%)

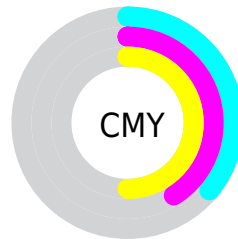


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2072, 31.5580, 24.5779 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 30.2072, 31.5580, 24.5779 by changing the saturation by 10% instead.

■ 30.2072, 31.5580,
24.5779

■ 30.2072, 31.5580,
24.5779

294.7616,
309.1008, 289.1094

■ 20.1448, 21.0241,
15.5467

■ 59.3741, 62.1175,
51.9272

■ 12.6092, 13.1416,
9.0531

■ 79.2092, 82.9120,
71.0824

■ 7.2351, 7.5261,
4.6785

■ 103.0327,
107.8954, 94.4494

■ 3.6572, 3.7933,
2.0045

131.2098,
137.4522, 122.4466

■ 1.5101, 1.5586,
0.5580

164.1058,
171.9667, 155.4927

■ 0.3327, 0.3294,
0.0000

202.0863,

■ 0.0000, 0.0000,

211.8234, 194.0062

0.0000

245.5164,
257.4066, 238.4055

■ 30.2072, 31.5580,
24.5779

■ 30.2072, 31.5580,
24.5779

■ 28.3199, 29.3567,
19.0979

■ 32.3155, 33.9223,
30.9907

■ 26.6420, 27.3097,
14.5042

■ 34.6508, 36.4498,
38.3759

■ 25.1647, 25.4132,
10.7493

■ 37.2219, 39.1462,
46.7730

■ 23.8772, 23.6621,
7.7805

■ 40.0362, 42.0152,
56.2189

■ 22.7678, 22.0504,
5.5389

■ 43.1011, 45.0609,
66.7485

■ 21.8230, 20.5718,
3.9572

■ 46.4234, 48.2869,
78.3952

■ 21.0270, 19.2186,
2.9556

■ 50.0097, 51.6966,
91.1909

■ 20.5046, 18.2819,
2.4481

■ 53.3465, 55.0857,
102.4287

■ 54.6805, 57.7537,
102.8734

Harmonies

Analogous

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



32.1290, 31.5580, 26.0149



30.2072, 31.5580, 24.5779



28.3090, 31.5580, 25.5144

Triad

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



30.2072, 31.5580, 24.5779



26.7216, 31.5580, 39.5219



33.2977, 31.5580, 40.6863

Complementary

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



30.2072, 31.5580, 24.5779



24.8312, 25.9479, 38.8218

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.



31.7465, 31.5580, 45.0480



30.2072, 31.5580, 24.5779



27.9575, 31.5580, 44.3254

Square

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



30.2072, 31.5580, 24.5779



26.3495, 31.5580, 33.7584



29.7837, 31.5580, 46.4473



33.9619, 31.5580, 34.9714

Rectangle

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



30.2072, 31.5580, 24.5779



27.3019, 31.5580, 27.4219



29.7837, 31.5580, 46.4473



32.8594, 31.5580, 42.3825

Sweetspot

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



30.2080, 31.5594, 24.5786



60.9068, 64.0275, 63.3067



27.6751, 24.9819, 28.3943



13.2647, 13.9428, 13.6795



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.



30.2080, 31.5594, 24.5786



53.0880, 55.2715, 39.4856



31.4178, 35.4612, 25.2679



7.4390, 7.8165, 7.4967



15.7678, 14.1094, 1.8923



0.3731, 0.3800, 0.0537

Inverse Universe

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



24.8312, 25.9479, 38.8218



41.6036, 43.2881, 69.9150



23.7959, 22.7597, 38.2610



6.8945, 7.2480, 8.9387



6.3241, 4.4277, 27.4511



0.1760, 0.1793, 0.5912

Previews

White Background



This preview shows how the XYZ color 30.2072, 31.5580, 24.5779 looks on a white background.

Color Contrast Check

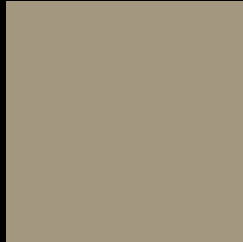
Large Text (above 18pt) WCAG AA × Fail

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 30.2072, 31.5580, 24.5779 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

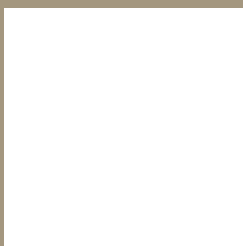
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2072, 31.5580, 24.5779

Background



This preview shows how black text looks on a background with the XYZ color 30.2072, 31.5580, 24.5779.



This preview shows how white text looks on a background with the XYZ color 30.2072, 31.5580,

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

30.2072, 31.5580, 24.5779

Protanopia

29.8225, 31.5921, 24.9481

Deuteranopia

32.2345, 31.6561, 24.8334



Tritanopia

32.7537, 31.6609, 36.7326

Trichromacy



Original Color

30.2072, 31.5580, 24.5779

Protanomaly

30.0248, 31.6964, 24.9576

Deuteranomaly

31.4994, 31.5090, 24.8437

Tritanomaly

31.7927, 31.5019, 32.0086

Monochromacy



Original Color

30.2072, 31.5580, 24.5779

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8965, 31.5076, 30.4925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2072, 31.5580, 24.5779 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(164, 151, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 151, 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(164, 151, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 151, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.2072, 31.5580, 24.5779 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(164, 151, 127) }
```


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

```
.border{ border-color:rgb(164, 151, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 151, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 151, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 151, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 151,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2072, 31.5580, 24.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 151, 127) }
```

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

```
.background{ background-color: rgb(164,  
151, 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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