

Converting Colors

XYZ(31.5066, 30.2964, 43.9529)

Have a look what the booklet for
XYZ(31.5066, 30.2964, 43.9529)
contains.

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Color

**XYZ(31.5729, 30.4360,
43.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	9D91AD
RGB	157, 145, 173
RGB Percent	62%, 57%, 68%
CMY	0.3843, 0.4314, 0.3216
CMYK	0.09, 0.16, 0.00, 0.32
HSL	266°, 15%, 62%
HSV	266°, 16%, 68%
XYZ	31.5729, 30.4360, 43.7458
YIQ	151.7800, -1.8360, 11.2520

Conversions

Conversions Part 2

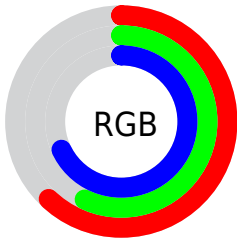
Format	Color
RYB	157, 145, 173
Decimal	10326445
CIELab	62.03, 9.95, -13.05
CIELCh	62, 16.408, 307.334
Yxy	30.4360, 0.2985, 0.2878
Android (android.graphics.Color)	4288516525 (0xFF9D91AD)
YUV	151.7800, 10.4615, 4.5779
Hunter-Lab	55.1688, 5.6094, -8.3955

Details

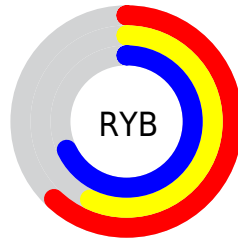
The XYZ color **31.5729, 30.4360, 43.7458** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.7532, 39.5092, 32.5838**, and the grayscale version is **29.7079, 31.2550, 34.0367**.

A 20% lighter version of the original color is **61.5784, 60.4453, 81.8204**, and **13.4873, 12.6291, 19.8160** is the 20% darker color. If you saturate the color by 10%, you get **27.2769, 24.5920, 42.8447**, and if you desaturate by 10%, it is **36.4294, 37.1682, 44.7897**.

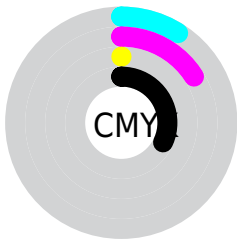
Distribution



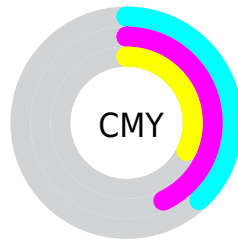
- Red (62%)
- Green (57%)
- Blue (68%)



- Red (62%)
- Yellow (57%)
- Blue (68%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5729, 30.4360, 43.7458 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 31.5729, 30.4360, 43.7458 by changing the saturation by 10% instead.

■ 31.5729, 30.4360,
43.7458

■ 31.5729, 30.4360,
43.7458

300.9490,
303.9315, 377.6809

■ 21.1894, 20.1698,
30.1350

■ 61.5107, 60.3510,
82.1335

■ 13.3758, 12.5185,
19.6882

■ 81.7957, 80.7686,
107.7475

■ 7.7666, 7.0978,
11.9867

106.1119,
105.3387, 138.1995

■ 3.9965, 3.5234,
6.6122

134.8247,
134.4458, 173.9083

■ 1.7002, 1.4107,
3.1460

168.2995,
168.4742, 215.2923

■ 0.4564, 0.2246,
1.1697

206.9016,

■ 0.0000, 0.0000,

207.8083, 262.7700

0.0000

250.9963,
252.8327, 316.7600

■ 31.5729, 30.4360,
43.7458

■ 31.5729, 30.4360,
43.7458

■ 27.2769, 24.5920,
42.8447

■ 36.4294, 37.1682,
44.7897

■ 23.5167, 19.5940,
42.0782

■ 41.8643, 44.8204,
45.9803

■ 20.2700, 15.4025,
41.4402

■ 47.8977, 53.4279,
47.3237

■ 17.5116, 11.9726,
40.9236

■ 54.5483, 63.0226,
48.8252

■ 15.2138, 9.2556,
40.5203

■ 61.8337, 73.6352,
50.4896

■ 13.3461, 7.1963,
40.2212

■ 69.7710, 85.2948,
52.3218

■ 11.8731, 5.7314,
40.0161

■ 74.7309, 90.7389,
53.1112

■ 10.7494, 4.7766,
39.8910

■ 77.9249, 92.3854,
53.2607

■ 10.3778, 4.4786,
39.8531

■ 81.3005, 94.1257,
53.4187

Harmonies

Analogous

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



29.4724, 30.4360, 46.6792



31.5729, 30.4360, 43.7458



33.0139, 30.4360, 38.0352

Triad

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



31.5729, 30.4360, 43.7458



30.5909, 30.4360, 23.1627



24.9292, 30.4360, 34.7118

Complementary

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



31.5729, 30.4360, 43.7458



34.7532, 39.5092, 32.5838

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.



25.1949, 30.4360, 28.6832



31.5729, 30.4360, 43.7458



28.3914, 30.4360, 22.5095

Square

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



31.5729, 30.4360, 43.7458



32.4271, 30.4360, 26.3165



26.4360, 30.4360, 24.4033



25.6910, 30.4360, 41.0506

Rectangle

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



31.5729, 30.4360, 43.7458



33.3672, 30.4360, 33.7068



26.4360, 30.4360, 24.4033



24.9020, 30.4360, 32.5789

Sweetspot

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



31.5738, 30.4373, 43.7465



66.2584, 67.9863, 80.4362



32.0241, 34.6443, 44.5348



14.2625, 14.5834, 17.4508



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.5738, 30.4373, 43.7465



54.0176, 51.0472, 77.8118



34.3911, 31.8897, 43.8783



7.8922, 7.9187, 10.0652



7.6868, 3.3226, 29.2807



0.2773, 0.1251, 0.8175

Inverse Universe

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



33.7929, 31.7095, 38.0588



58.7004, 53.7331, 65.7518



32.1479, 38.1661, 32.4619



8.1898, 8.0892, 9.3102



14.3393, 7.1983, 9.4322



0.4256, 0.2109, 0.4029

Previews

White Background



This preview shows how the XYZ color 31.5729, 30.4360, 43.7458 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 31.5729, 30.4360, 43.7458 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 31.5729, 30.4360, 43.7458

Background



This preview shows how black text looks on a background with the XYZ color 31.5729, 30.4360, 43.7458.



This preview shows how white text looks on a background with the XYZ color 31.5729, 30.4360,

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

31.5729, 30.4360, 43.7458

Protanopia

30.1624, 30.6098, 44.8760

Deuteranopia

31.1481, 30.4449, 43.7699



Tritanopia

30.2093, 30.3392, 37.0647

Trichromacy



Original Color

31.5729, 30.4360, 43.7458

Protanomaly

30.6243, 30.6254, 44.3416

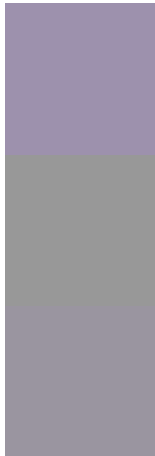
Deuteranomaly

31.3393, 30.5435, 43.7789

Tritanomaly

30.6900, 30.3060, 39.3541

Monochromacy



Original Color

31.5729, 30.4360, 43.7458

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4190, 30.9030, 37.6193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5729, 30.4360, 43.7458 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(157, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 173)  
}
```

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(157, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 173) }
```

Border

The CSS property to change the border of an element to XYZ 31.5729, 30.4360, 43.7458 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(157, 145, 173) }
```


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

```
.border{ border-color:rgb(157, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(157, 145,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5729, 30.4360, 43.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 173) }
```

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

```
.background{ background-color: rgb(157,  
145, 173) }
```

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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