

Converting Colors

XYZ(32.4319, 31.1983, 58.2376)

Have a look what the booklet for
XYZ(32.4319, 31.1983, 58.2376)
contains.

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Color

**XYZ(32.5758, 31.3231,
58.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	9194C7
RGB	145, 148, 199
RGB Percent	57%, 58%, 78%
CMY	0.4314, 0.4196, 0.2196
CMYK	0.27, 0.26, 0.00, 0.22
HSL	237°, 33%, 67%
HSV	237°, 27%, 78%
XYZ	32.5758, 31.3231, 58.3619
YIQ	152.9170, -18.1590, 15.2250

Conversions

Conversions Part 2

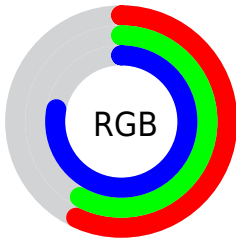
Format	Color
RYB	145, 148, 199
Decimal	9540807
CIELab	62.78, 10.34, -26.64
CIELCh	63, 28.573, 291.221
Yxy	31.3231, 0.2664, 0.2562
Android (android.graphics.Color)	4287730887 (0xFF9194C7)
YUV	152.9170, 22.7189, -6.9432
Hunter-Lab	55.9670, 5.9542, -22.6501

Details

The XYZ color **32.5758, 31.3231, 58.3619** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.4045, 53.6667, 34.5967**, and the grayscale version is **30.1531, 31.7234, 34.5467**.

A 20% lighter version of the original color is **62.9899, 61.7404, 103.2049**, and **13.8997, 12.9209, 28.5494** is the 20% darker color. If you saturate the color by 10%, you get **26.6591, 24.2468, 57.3084**, and if you desaturate by 10%, it is **39.5874, 39.6758, 59.6051**.

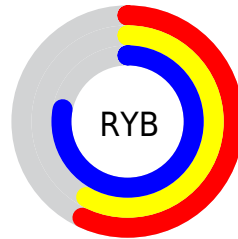
Distribution



Red (57%)

Green (58%)

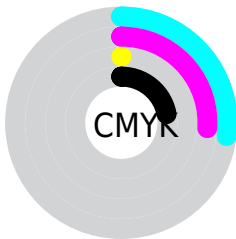
Blue (78%)



Red (57%)

Yellow (58%)

Blue (78%)

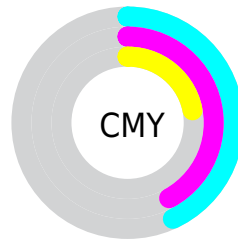


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5758, 31.3231, 58.3619 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 32.5758, 31.3231, 58.3619 by changing the saturation by 10% instead.

■ 32.5758, 31.3231,
58.3619

■ 32.5758, 31.3231,
58.3619

305.4328,
308.0241, 436.1690

■ 21.9594, 20.8450,
41.6830

■ 63.0718, 61.7484,
103.9697

■ 13.9435, 13.0108,
28.5295

■ 83.6821, 82.4644,
133.7356

■ 8.1628, 7.4360,
18.4827

108.3543,
107.3618, 168.7011

■ 4.2520, 3.7362,
11.1240

137.4539,
136.8251, 209.2845

■ 1.8457, 1.5271,
6.0351

171.3462,
171.2385, 255.9045

■ 0.5449, 0.3077,
2.7973

210.3965,

■ 0.0000, 0.0000,

210.9866, 308.9795

0.9921

254.9703,
256.4536, 368.9282

■ 0.0000, 0.0000,
0.0000

■ 32.5758, 31.3231,
58.3619

■ 32.5758, 31.3231,
58.3619

■ 26.6591, 24.2468,
57.3084

■ 39.5874, 39.6758,
59.6051

■ 21.7792, 18.3806,
56.4333

■ 47.7420, 49.3594,
61.0444

■ 17.8771, 13.6577,
55.7274

■ 57.0886, 60.4300,
62.6887

■ 14.8867, 10.0034,
55.1796

■ 67.6726, 72.9392,
64.5454

■ 12.7340, 7.3342,
54.7779

■ 79.5366, 86.9361,
66.6217

■ 11.3329, 5.5540,
54.5081

■ 87.3089, 96.9036,
68.1360

■ 10.5722, 4.5442,
54.3533

■ 10.4292, 4.3642,
54.3261

Harmonies

Analogous

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



28.6393, 31.3231, 60.1064



32.5758, 31.3231, 58.3619



36.0233, 31.3231, 49.4405

Triad

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



32.5758, 31.3231, 58.3619



34.7312, 31.3231, 19.9273



22.9447, 31.3231, 30.9249

Complementary

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



32.5758, 31.3231, 58.3619



48.4045, 53.6667, 34.5967

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.



24.2887, 31.3231, 22.3229



32.5758, 31.3231, 58.3619



30.9335, 31.3231, 16.9496

Square

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



32.5758, 31.3231, 58.3619



37.3415, 31.3231, 26.8926



27.1333, 31.3231, 17.7185



23.3009, 31.3231, 42.5050

Rectangle

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



32.5758, 31.3231, 58.3619



37.4691, 31.3231, 41.5142



27.1333, 31.3231, 17.7185



23.2080, 31.3231, 27.6353

Sweetspot

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



32.5768, 31.3243, 58.3626



82.0978, 84.6517, 106.6201



41.9969, 50.8256, 59.4647



17.0840, 17.5396, 22.7350



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.5768, 31.3243, 58.3626



50.2444, 46.7261, 100.9786



36.6689, 32.7442, 58.4210



10.1032, 10.3805, 13.3886



6.7272, 2.8484, 34.9396



0.3354, 0.1686, 1.6600

Inverse Universe

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



39.0248, 34.5321, 32.6268



63.5642, 53.4450, 47.7945



43.3492, 52.0754, 34.5560



10.6574, 10.6463, 11.1790



15.1949, 7.8275, 0.9704



0.7280, 0.3740, 0.0908

Previews

White Background



This preview shows how the XYZ color 32.5758, 31.3231, 58.3619 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 32.5758, 31.3231, 58.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

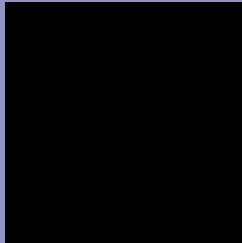
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5758, 31.3231, 58.3619

Background



This preview shows how black text looks on a background with the XYZ color 32.5758, 31.3231, 58.3619.



This preview shows how white text looks on a background with the XYZ color 32.5758, 31.3231,

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

32.5758, 31.3231, 58.3619

Protanopia

31.8129, 31.3861, 59.0250

Deuteranopia

32.0408, 31.2811, 58.3820



Tritanopia

28.9198, 31.2676, 40.5874

Trichromacy



Original Color

32.5758, 31.3231, 58.3619

Protanomaly

32.1573, 31.3277, 58.9956

Deuteranomaly

32.2116, 31.3692, 58.3900

Tritanomaly

30.2486, 31.3335, 46.5732

Monochromacy



Original Color

32.5758, 31.3231, 58.3619

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9000, 31.5195, 42.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5758, 31.3231, 58.3619 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(145, 148, 199)` looks like.

```
.text, #text, p{  
    color:rgb(145, 148, 199)  
}
```

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(145, 148, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 148, 199) }
```

Border

The CSS property to change the border of an element to XYZ 32.5758, 31.3231, 58.3619 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(145, 148, 199) }
```


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

```
.border{ border-color:rgb(145, 148, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 148, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 148, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 148, 199);  
box-shadow:4px 4px 4px 4px rgb(145, 148,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5758, 31.3231, 58.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 148, 199) }
```

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

```
.background{ background-color: rgb(145,  
148, 199) }
```

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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