

Converting Colors

XYZ(32.3919, 31.9253, 52.3664)

Have a look what the booklet for
XYZ(32.3919, 31.9253, 52.3664)
contains.

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Color

**XYZ(32.3044, 31.7827,
52.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	9496BD
RGB	148, 150, 189
RGB Percent	58%, 59%, 74%
CMY	0.4196, 0.4118, 0.2588
CMYK	0.22, 0.21, 0.00, 0.26
HSL	237°, 24%, 66%
HSV	237°, 22%, 74%
XYZ	32.3044, 31.7827, 52.5762
YIQ	153.8480, -13.7110, 11.7050

Conversions

Conversions Part 2

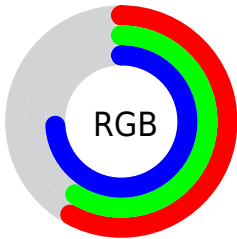
Format	Color
RYB	148, 150, 189
Decimal	9737917
CIELab	63.16, 7.72, -20.42
CIELCh	63, 21.827, 290.700
Yxy	31.7827, 0.2769, 0.2724
Android (android.graphics.Color)	4287927997 (0xFF9496BD)
YUV	153.8480, 17.3299, -5.1287
Hunter-Lab	56.3761, 3.6250, -15.8303

Details

The XYZ color **32.3044, 31.7827, 52.5762** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1023, 48.4978, 35.0544**, and the grayscale version is **30.5801, 32.1726, 35.0360**.

A 20% lighter version of the original color is **62.7029, 62.4748, 95.1402**, and **13.8355, 13.2426, 25.1194** is the 20% darker color. If you saturate the color by 10%, you get **26.5089, 24.8588, 51.5457**, and if you desaturate by 10%, it is **39.1002, 39.8772, 53.7809**.

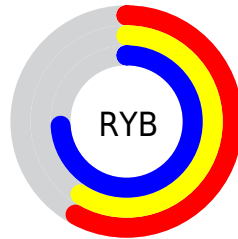
Distribution



Red (58%)

Green (59%)

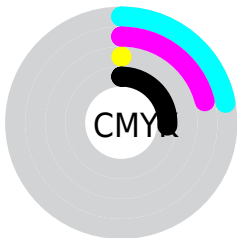
Blue (74%)



Red (58%)

Yellow (59%)

Blue (74%)

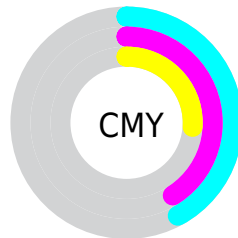


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (41%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3044, 31.7827, 52.5762 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 32.3044, 31.7827, 52.5762 by changing the saturation by 10% instead.

■ 32.3044, 31.7827,
52.5762

■ 32.3044, 31.7827,
52.5762

304.2243,
310.1282, 413.6771

■ 21.7508, 21.1956,
37.0792

■ 62.6500, 62.4703,
95.4157

■ 13.7895, 13.2670,
24.9725

■ 83.1726, 83.3395,
123.5952

■ 8.0551, 7.6127,
15.8377

107.7490,
108.4049, 156.8393

■ 4.1823, 3.8481,
9.2563

136.7445,
138.0509, 195.5665

■ 1.8058, 1.5890,
4.8096

170.5244,
172.6618, 240.1953

■ 0.5212, 0.3502,
2.0792

209.4541,

■ 0.0000, 0.0000,

212.6221, 291.1443

0.6034

253.8989,
258.3161, 348.8321

■ 0.0000, 0.0000,
0.0000

■ 32.3044, 31.7827,
52.5762

■ 32.3044, 31.7827,
52.5762

■ 26.5089, 24.8588,
51.5457

■ 39.1002, 39.8772,
53.7809

■ 21.6637, 19.0476,
50.6794

■ 46.9373, 49.1889,
55.1652

■ 17.7189, 14.2923,
49.9695

■ 55.8579, 59.7664,
56.7367

■ 14.6189, 10.5293,
49.4065

■ 65.9012, 71.6548,
58.5021

■ 12.3020, 7.6885,
48.9803

■ 77.1043, 84.8967,
60.4676

■ 10.6980, 5.6903,
48.6792

■ 86.1854, 96.4542,
62.2197

■ 9.7240, 4.4416,
48.4895

■ 9.2855, 3.8744,
48.4031

Harmonies

Analogous

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



29.2813, 31.7827, 53.7124



32.3044, 31.7827, 52.5762



34.9204, 31.7827, 46.2229

Triad

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



32.3044, 31.7827, 52.5762



34.0311, 31.7827, 23.2824



24.8410, 31.7827, 31.9917

Complementary

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



32.3044, 31.7827, 52.5762



44.1023, 48.4978, 35.0544

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.



25.9408, 31.7827, 25.1193



32.3044, 31.7827, 52.5762



31.1550, 31.7827, 20.6711

Square

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



32.3044, 31.7827, 52.5762



35.9625, 31.7827, 29.0627



28.2053, 31.7827, 21.2825



25.1036, 31.7827, 40.8128

Rectangle

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



32.3044, 31.7827, 52.5762



36.0169, 31.7827, 40.3885



28.2053, 31.7827, 21.2825



25.0607, 31.7827, 29.4035

Sweetspot

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



32.3054, 31.7840, 52.5769



76.2206, 78.7820, 97.4154



39.3753, 46.2775, 53.8434



16.2121, 16.7293, 20.9172



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.3054, 31.7840, 52.5769



52.7369, 50.8110, 93.2542



35.5964, 33.0105, 52.6402



9.0529, 9.2981, 11.9898



6.2639, 2.6396, 32.5722



0.2583, 0.1293, 1.2802

Inverse Universe

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



37.0820, 34.2015, 33.5026



62.8201, 55.9577, 52.9795



40.2403, 47.1415, 34.9962



9.5485, 9.5437, 10.0116



14.1625, 7.2962, 0.8834



0.5613, 0.2884, 0.0690

Previews

White Background



This preview shows how the XYZ color 32.3044, 31.7827, 52.5762 looks on a white background.

Color Contrast Check

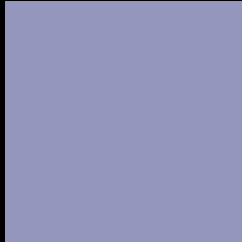
Large Text (above 18pt) WCAG AA × Fail

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 32.3044, 31.7827, 52.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

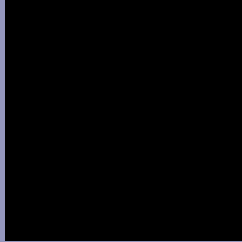
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3044, 31.7827, 52.5762

Background



This preview shows how black text looks on a background with the XYZ color 32.3044, 31.7827, 52.5762.



This preview shows how white text looks on a background with the XYZ color 32.3044, 31.7827,

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

32.3044, 31.7827, 52.5762

Protanopia

31.8625, 31.7802, 53.1701

Deuteranopia

32.4861, 31.8764, 52.5847



Tritanopia

29.9401, 31.7937, 40.6352

Trichromacy



Original Color

32.3044, 31.7827, 52.5762

Protanomaly

32.0379, 31.8707, 53.1783

Deuteranomaly

32.4861, 31.8764, 52.5847

Tritanomaly

30.7083, 31.8582, 44.5751

Monochromacy



Original Color

32.3044, 31.7827, 52.5762

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3152, 32.2479, 41.1332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3044, 31.7827, 52.5762 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(148, 150, 189)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 189)  
}
```

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(148, 150, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 189) }
```

Border

The CSS property to change the border of an element to XYZ 32.3044, 31.7827, 52.5762 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(148, 150, 189) }
```


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

```
.border{ border-color:rgb(148, 150, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 189);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3044, 31.7827, 52.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 189) }
```

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

```
.background{ background-color: rgb(148,  
150, 189) }
```

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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