

Converting Colors

XYZ(32.1736, 31.7196, 40.9050)

Have a look what the booklet for
XYZ(32.1736, 31.7196, 40.9050)
contains.

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Color

**XYZ(32.2197, 31.7585,
40.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	A095A7
RGB	160, 149, 167
RGB Percent	63%, 58%, 65%
CMY	0.3725, 0.4157, 0.3451
CMYK	0.04, 0.11, 0.00, 0.35
HSL	277°, 9%, 62%
HSV	277°, 11%, 65%
XYZ	32.2197, 31.7585, 40.9911
YIQ	154.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

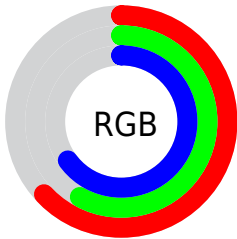
Format	Color
R_{YB}	160, 149, 167
Decimal	10524071
CIE Lab	63.14, 7.50, -7.96
CIE LCh	63, 10.935, 313.284
Yxy	31.7585, 0.3069, 0.3026
Android (android.graphics.Color)	4288714151 (0xFFA095A7)
YUV	154.3410, 6.2409, 4.9629
Hunter-Lab	56.3547, 3.4332, -3.6779

Details

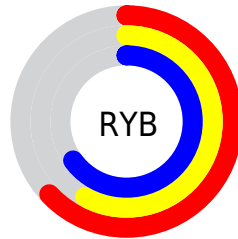
The XYZ color **32.2197, 31.7585, 40.9911** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9550, 36.8762, 33.8163**, and the grayscale version is **30.8389, 32.4450, 35.3326**.

A 20% lighter version of the original color is **62.5651, 62.4329, 77.8605**, and **13.6465, 13.1613, 18.0408** is the 20% darker color. If you saturate the color by 10%, you get **28.5002, 26.1967, 40.1141**, and if you desaturate by 10%, it is **36.3878, 38.1157, 41.9990**.

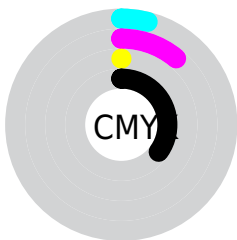
Distribution



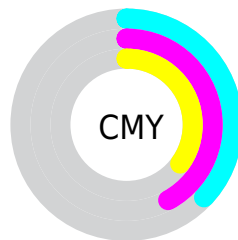
- Red (63%)
- Green (58%)
- Blue (65%)



- Red (63%)
- Yellow (58%)
- Blue (65%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2197, 31.7585, 40.9911 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 32.2197, 31.7585, 40.9911 by changing the saturation by 10% instead.

■ 32.2197, 31.7585,
40.9911

■ 32.2197, 31.7585,
40.9911

303.8464,
310.0177, 365.9590

■ 21.6857, 21.1771,
27.9925

■ 62.5182, 62.4323,
77.9239

■ 13.7415, 13.2535,
18.0810

■ 83.0135, 83.2935,
102.6952

■ 8.0216, 7.6034,
10.8381

107.5599,
108.3501, 132.2277

■ 4.1607, 3.8422,
5.8453

136.5228,
137.9865, 166.9401

■ 1.7934, 1.5857,
2.6840

170.2675,
172.5870, 207.2509

■ 0.5137, 0.3479,
0.9353

209.1595,

■ 0.0000, 0.0000,

212.5361, 253.5786

0.0000

253.5640,
258.2182, 306.3418

■ 32.2197, 31.7585,
40.9911

■ 32.2197, 31.7585,
40.9911

■ 28.5002, 26.1967,
40.1141

■ 36.3878, 38.1157,
41.9990

■ 25.2094, 21.3936,
39.3604

■ 41.0178, 45.2950,
43.1407

■ 22.3301, 17.3158,
38.7251

■ 46.1258, 53.3267,
44.4217

■ 19.8425, 13.9253,
38.2018

■ 51.7264, 62.2385,
45.8467

■ 17.7252, 11.1811,
37.7837

■ 57.8334, 72.0566,
47.4199

■ 15.9545, 9.0373,
37.4632

■ 64.4602, 82.8064,
49.1456

■ 14.5035, 7.4419,
37.2318

■ 68.0415, 87.3560,
49.8350

■ 13.3407, 6.3337,
37.0791

■ 69.8762, 88.3018,
49.9208

■ 12.4600, 5.6176,
36.9873

■ 71.7862, 89.2864,
50.0102

Harmonies

Analogous

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



30.8574, 31.7585, 43.3177



32.2197, 31.7585, 40.9911



33.0518, 31.7585, 37.0262

Triad

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



32.2197, 31.7585, 40.9911



31.0281, 31.7585, 27.2132



27.4477, 31.7585, 36.5252

Complementary

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



32.2197, 31.7585, 40.9911



32.9550, 36.8762, 33.8163

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.



27.4899, 31.7585, 32.2433



32.2197, 31.7585, 40.9911



29.5234, 31.7585, 27.1035

Square

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



32.2197, 31.7585, 40.9911



32.3482, 31.7585, 29.1874



28.2388, 31.7585, 28.8742



28.1214, 31.7585, 40.5981

Rectangle

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



32.2197, 31.7585, 40.9911



33.1772, 31.7585, 34.1055



28.2388, 31.7585, 28.8742



27.3793, 31.7585, 35.0581

Sweetspot

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



32.2206, 31.7599, 40.9918



63.3957, 65.5417, 74.7848



31.2928, 33.0250, 41.2849



14.0515, 14.4598, 16.7026



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.



32.2206, 31.7599, 40.9918



55.9931, 54.3001, 73.0051



33.4945, 32.4357, 40.1888



7.5551, 7.5188, 9.4714



9.5904, 4.3275, 28.3053



0.2881, 0.1335, 0.6912

Inverse Universe

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



32.6857, 32.1121, 35.9297



57.0175, 55.0732, 61.9823



31.7840, 36.2557, 34.5174



7.6474, 7.5888, 8.4604



12.9463, 6.5872, 4.5290



0.3402, 0.1703, 0.2428

Previews

White Background



This preview shows how the XYZ color 32.2197, 31.7585, 40.9911 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 32.2197, 31.7585, 40.9911 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 32.2197, 31.7585, 40.9911

Background



This preview shows how black text looks on a background with the XYZ color 32.2197, 31.7585, 40.9911.



This preview shows how white text looks on a background with the XYZ color 32.2197, 31.7585,

40.9911.

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

32.2197, 31.7585, 40.9911

Protanopia

31.1522, 31.9004, 42.0516

Deuteranopia

32.4204, 31.8620, 41.0005



Tritanopia

31.7260, 31.7923, 38.6468

Trichromacy



Original Color

32.2197, 31.7585, 40.9911

Protanomaly

31.4609, 31.8304, 41.5315

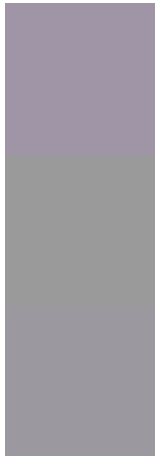
Deuteranomaly

32.4204, 31.8620, 41.0005

Tritanomaly

31.9053, 31.8640, 39.5907

Monochromacy



Original Color

32.2197, 31.7585, 40.9911

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1965, 32.0276, 37.3386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2197, 31.7585, 40.9911 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(160, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(160, 149, 167)  
}
```

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(160, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.2197, 31.7585, 40.9911 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(160, 149, 167) }
```


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

```
.border{ border-color:rgb(160, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(160, 149,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2197, 31.7585, 40.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 149, 167) }
```

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

```
.background{ background-color: rgb(160,  
149, 167) }
```

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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