

Converting Colors

XYZ(32.1067, 31.2345, 40.8959)

Have a look what the booklet for
XYZ(32.1067, 31.2345, 40.8959)
contains.

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Color

**XYZ(32.1067, 31.2345,
40.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	A193A7
RGB	161, 147, 167
RGB Percent	63%, 58%, 65%
CMY	0.3686, 0.4235, 0.3451
CMYK	0.04, 0.12, 0.00, 0.35
HSL	282°, 10%, 62%
HSV	282°, 12%, 65%
XYZ	32.1067, 31.2345, 40.8959
YIQ	153.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

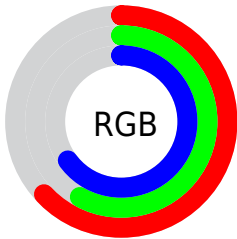
Format	Color
R_{YB}	161, 147, 167
Decimal	10589095
CIE _{Lab}	62.71, 8.98, -8.60
CIE _{LCh}	63, 12.433, 316.215
Yxy	31.2345, 0.3080, 0.2996
Android (android.graphics.Color)	4288779175 (0xFFA193A7)
YUV	153.4660, 6.6723, 6.6073
Hunter-Lab	55.8878, 4.7418, -4.2639

Details

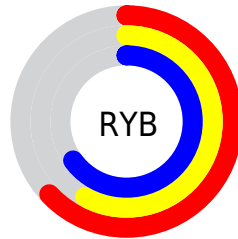
The XYZ color **32.1067, 31.2345, 40.8959** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2232, 36.5172, 32.9555**, and the grayscale version is **30.4533, 32.0393, 34.8908**.

A 20% lighter version of the original color is **62.3904, 61.6461, 77.7178**, and **13.5841, 12.8548, 17.9849** is the 20% darker color. If you saturate the color by 10%, you get **28.7067, 25.9032, 40.0465**, and if you desaturate by 10%, it is **35.9260, 37.3433, 41.8742**.

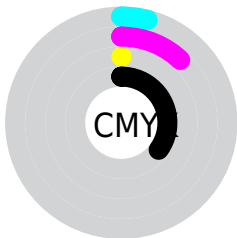
Distribution



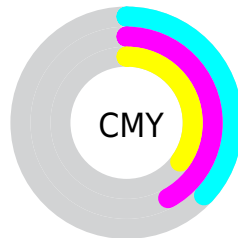
- Red (63%)
- Green (58%)
- Blue (65%)



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



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1067, 31.2345, 40.8959 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 32.1067, 31.2345, 40.8959 by changing the saturation by 10% instead.

■ 32.1067, 31.2345,
40.8959

■ 32.1067, 31.2345,
40.8959

303.3417,
307.6172, 365.5491

■ 21.5990, 20.7775,
27.9187

■ 62.3424, 61.6091,
77.7778

■ 13.6775, 12.9614,
18.0258

■ 82.8010, 82.2954,
102.5195

■ 7.9769, 7.4020,
10.7989

107.3074,
107.1603, 132.0199

■ 4.1318, 3.7148,
5.8193

136.2267,
136.5882, 166.6973

■ 1.7770, 1.5153,
2.6685

169.9245,
170.9634, 206.9704

■ 0.5037, 0.2995,
0.9275

208.7660,

■ 0.0000, 0.0000,

210.6704, 253.2577

0.0000

253.1166,
256.0935, 305.9778

■ 32.1067, 31.2345,
40.8959

■ 32.1067, 31.2345,
40.8959

■ 28.7067, 25.9032,
40.0465

■ 35.9260, 37.3433,
41.8742

■ 25.7066, 21.3128,
39.3186

■ 40.1775, 44.2563,
42.9845

■ 23.0896, 17.4298,
38.7071

■ 44.8770, 52.0038,
44.2322

■ 20.8362, 14.2163,
38.2055

■ 50.0384, 60.6131,
45.6219

■ 18.9256, 11.6310,
37.8072

■ 55.6753, 70.1106,
47.1580

■ 17.3343, 9.6277,
37.5044

■ 61.8005, 80.5214,
48.8447

■ 16.0355, 8.1539,
37.2884

■ 65.5196, 86.0559,
49.7169

■ 14.9978, 7.1472,
37.1488

■ 66.8456, 86.7394,
49.7790

■ 14.2972, 6.5647,
37.0733

■ 68.2155, 87.4456,
49.8431

Harmonies

Analogous

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



30.6082, 31.2345, 43.7976



32.1067, 31.2345, 40.8959



32.9715, 31.2345, 36.2854

Triad

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



32.1067, 31.2345, 40.8959



30.4720, 31.2345, 25.7145



26.6624, 31.2345, 36.6866

Complementary

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



32.1067, 31.2345, 40.8959



32.2232, 36.5172, 32.9555

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.



26.6290, 31.2345, 31.8300



32.1067, 31.2345, 40.8959



28.7853, 31.2345, 25.7998

Square

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



32.1067, 31.2345, 40.8959



32.0037, 31.2345, 27.6972



27.3929, 31.2345, 27.9423



27.4858, 31.2345, 41.2137

Rectangle

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



32.1067, 31.2345, 40.8959



33.0518, 31.2345, 33.0071



27.3929, 31.2345, 27.9423



26.5595, 31.2345, 35.0311

Sweetspot

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



32.1076, 31.2358, 40.8966



62.8423, 64.4661, 74.6063



30.4548, 31.8861, 41.1092



13.9476, 14.2410, 16.6658



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.



32.1076, 31.2358, 40.8966



56.0491, 53.6440, 72.8755



33.0118, 31.7406, 39.1945



7.6195, 7.5520, 9.4744



10.9914, 5.0497, 28.3709



0.3153, 0.1476, 0.6925

Inverse Universe

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



32.1209, 31.3842, 34.5033



56.0934, 53.9654, 59.3922



31.4113, 36.0649, 34.4434



7.6203, 7.5780, 8.3177



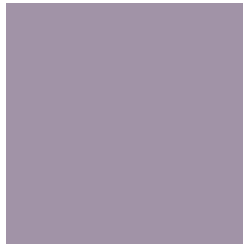
12.6564, 6.4713, 3.0020



0.3302, 0.1664, 0.1905

Previews

White Background



This preview shows how the XYZ color 32.1067, 31.2345, 40.8959 looks on a white background.

Color Contrast Check

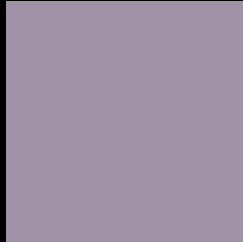
Large Text (above 18pt) WCAG AA × Fail

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 32.1067, 31.2345, 40.8959 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 32.1067, 31.2345, 40.8959

Background



This preview shows how black text looks on a background with the XYZ color 32.1067, 31.2345, 40.8959.



This preview shows how white text looks on a background with the XYZ color 32.1067, 31.2345,

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

32.1067, 31.2345, 40.8959

Protanopia

30.6225, 31.3874, 41.9805

Deuteranopia

31.8630, 31.3408, 40.9292



Tritanopia

31.4323, 31.1915, 37.6216

Trichromacy



Original Color

32.1067, 31.2345, 40.8959

Protanomaly

31.1111, 31.4122, 41.4692

Deuteranomaly

32.0622, 31.4434, 40.9385

Tritanomaly

31.6980, 31.2977, 39.0207

Monochromacy



Original Color

32.1067, 31.2345, 40.8959

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9485, 31.6698, 36.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1067, 31.2345, 40.8959 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(161, 147, 167)` looks like.

```
.text, #text, p{  
    color:rgb(161, 147, 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(161, 147, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 147, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.1067, 31.2345, 40.8959 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(161, 147, 167) }
```


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

```
.border{ border-color:rgb(161, 147, 167) }
```

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

Here you see how a box with a 4 pixel rgb(161, 147, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 147, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 147, 167);  
box-shadow:4px 4px 4px 4px rgb(161, 147,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1067, 31.2345, 40.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 147, 167) }
```

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

```
.background{ background-color: rgb(161,  
147, 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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