

Converting Colors

XYZ(32.4391, 32.4483, 41.7460)

Have a look what the booklet for
XYZ(32.4391, 32.4483, 41.7460)
contains.

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Color

**XYZ(32.2350, 32.2295,
41.5677)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9E97A8 |
| RGB | 158, 151, 168 |
| RGB Percent | 62%, 59%, 66% |
| CMY | 0.3804, 0.4078, 0.3412 |
| CMYK | 0.06, 0.10, 0.00, 0.34 |
| HSL | 265°, 9%, 63% |
| HSV | 265°, 10%, 66% |
| XYZ | 32.2350, 32.2295, 41.5677 |
| YIQ | 155.0310, -1.2850, 6.7710 |

Conversions

Conversions Part 2

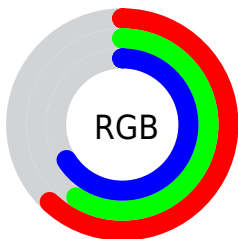
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 158, 151, 168 |
| Decimal | 10393512 |
| CIE Lab | 63.53, 5.87, -7.96 |
| CIE LCh | 64, 9.895, 306.416 |
| Yxy | 32.2295, 0.3040, 0.3040 |
| Android (android.graphics.Color) | 4288583592 (0xFF9E97A8) |
| YUV | 155.0310, 6.3937, 2.6038 |
| Hunter-Lab | 56.7710, 2.0043, -3.6724 |

Details

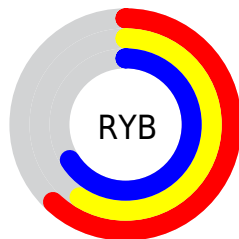
The XYZ color **32.2350, 32.2295, 41.5677** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2878, 37.8176, 34.7722**, and the grayscale version is **31.1432, 32.7651, 35.6812**.

A 20% lighter version of the original color is **62.5912, 63.1365, 78.6997**, and **13.7730, 13.5011, 18.4031** is the 20% darker color. If you saturate the color by 10%, you get **27.8552, 26.2406, 40.6431**, and if you desaturate by 10%, it is **37.1584, 39.0724, 42.6295**.

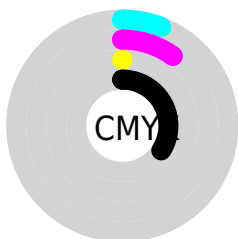
Distribution



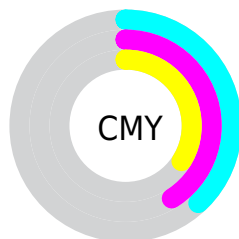
- Red (62%)
- Green (59%)
- Blue (66%)



- Red (62%)
- Yellow (59%)
- Blue (66%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2350, 32.2295, 41.5677 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 32.2350, 32.2295, 41.5677 by changing the saturation by 10% instead.

■ 32.2350, 32.2295,
41.5677

■ 32.2350, 32.2295,
41.5677

303.9147,
312.1634, 368.4344

■ 21.6975, 21.5369,
28.4399

■ 62.5420, 63.1707,
78.8079

■ 13.7501, 13.5170,
18.4156

■ 83.0422, 84.1880,
103.7575

■ 8.0276, 7.7855,
11.0763

107.5940,
109.4157, 133.4847

■ 4.1646, 3.9580,
6.0033

136.5628,
139.2382, 168.4081

■ 1.7957, 1.6501,
2.7783

170.3139,
174.0398, 208.9462

■ 0.5151, 0.3910,
0.9826

209.2127,

■ 0.0000, 0.0000,

214.2049, 255.5176

0.0000

253.6245,
260.1180, 308.5408

■ 32.2350, 32.2295,
41.5677

■ 32.2350, 32.2295,
41.5677

■ 27.8552, 26.2406,
40.6431

■ 37.1584, 39.0724,
42.6295

■ 23.9962, 21.0672,
39.8479

■ 42.6414, 46.7974,
43.8316

■ 20.6379, 16.6740,
39.1769

■ 48.7027, 55.4366,
45.1797

■ 17.7575, 13.0215,
38.6237

■ 55.3594, 65.0190,
46.6784

■ 15.3305, 10.0666,
38.1813

■ 62.6277, 75.5726,
48.3324

13.3297, 7.7614,
37.8418

70.5233, 87.1239,
50.1459

11.7249, 6.0520,
37.5964

74.5665, 90.7090,
50.6248

10.4808, 4.8751,
37.4348

77.7777, 92.3645,
50.7750

9.5336, 4.0982,
37.3348

81.1710, 94.1137,
50.9338

Harmonies

Analogous

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



30.9305, 32.2295, 43.1960



32.2350, 32.2295, 41.5677



33.1291, 32.2295, 38.2205

Triad

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



32.2350, 32.2295, 41.5677



31.7068, 32.2295, 28.5804



28.0721, 32.2295, 35.9482

Complementary

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



32.2350, 32.2295, 41.5677



34.2878, 37.8176, 34.7722

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.



28.2659, 32.2295, 32.1399



32.2350, 32.2295, 41.5677



30.3377, 32.2295, 28.0716

Square

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



32.2350, 32.2295, 41.5677



32.8178, 32.2295, 30.7731



29.0853, 32.2295, 29.3272



28.5478, 32.2295, 39.7982

Rectangle

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



32.2350, 32.2295, 41.5677



33.3576, 32.2295, 35.5695



29.0853, 32.2295, 29.3272



28.0613, 32.2295, 34.6197

Sweetspot

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



32.2360, 32.2309, 41.5684



64.7004, 67.0907, 76.7648



32.6114, 34.9673, 42.0768



13.9457, 14.4053, 16.6976



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.



32.2360, 32.2309, 41.5684



56.7439, 56.0747, 75.0579



33.9243, 33.1013, 41.6474



7.4134, 7.4457, 9.4648



7.2548, 3.1234, 28.1960



0.2350, 0.1061, 0.6887

Inverse Universe

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



33.6493, 33.0328, 38.3225



59.8129, 57.8166, 67.9832



32.6700, 36.9836, 34.6965



7.7093, 7.6136, 8.7862



13.9156, 6.9749, 9.6329



0.3631, 0.1795, 0.3634

Previews

White Background



This preview shows how the XYZ color 32.2350, 32.2295, 41.5677 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 32.2350, 32.2295, 41.5677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

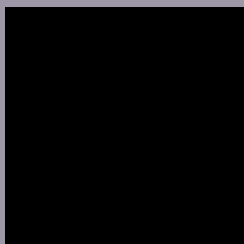
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2350, 32.2295, 41.5677

Background



This preview shows how black text looks on a background with the XYZ color 32.2350, 32.2295, 41.5677.



This preview shows how white text looks on a background with the XYZ color 32.2350, 32.2295,

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

32.2350, 32.2295, 41.5677

Protanopia

31.5016, 32.3224, 42.1147

Deuteranopia

32.8745, 32.3212, 41.5517



Tritanopia

31.8337, 32.3049, 39.6796

Trichromacy



Original Color

32.2350, 32.2295, 41.5677

Protanomaly

31.7161, 32.1911, 42.0780

Deuteranomaly

32.6722, 32.2169, 41.5423

Tritanomaly

31.9244, 32.3412, 40.1572

Monochromacy



Original Color

32.2350, 32.2295, 41.5677

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6111, 32.7172, 37.9067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2350, 32.2295, 41.5677 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(158, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(158, 151, 168)  
}
```

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(158, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 151, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.2350, 32.2295, 41.5677 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(158, 151, 168) }
```


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

```
.border{ border-color:rgb(158, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(158, 151,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2350, 32.2295, 41.5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 151, 168) }
```

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

```
.background{ background-color: rgb(158,  
151, 168) }
```

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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