

Converting Colors

XYZ(32.2732, 33.6773, 42.0588)

Have a look what the booklet for
XYZ(32.2732, 33.6773, 42.0588)
contains.

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Color

**XYZ(32.2617, 33.7134,
41.8527)**

Conversions

Conversions Part 1

Format	Color
Hex	999DA8
RGB	153, 157, 168
RGB Percent	60%, 62%, 66%
CMY	0.4000, 0.3843, 0.3412
CMYK	0.09, 0.07, 0.00, 0.34
HSL	224°, 8%, 63%
HSV	224°, 9%, 66%
XYZ	32.2617, 33.7134, 41.8527
YIQ	157.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

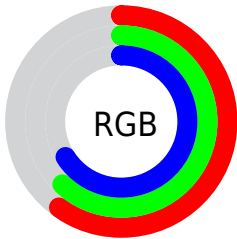
Format	Color
RYB	153, 156, 168
Decimal	10067368
CIELab	64.73, 0.79, -6.22
CIELCh	65, 6.270, 277.218
Yxy	33.7134, 0.2992, 0.3127
Android (android.graphics.Color)	4288257448 (0xFF999DA8)
YUV	157.0580, 5.3944, -3.5589
Hunter-Lab	58.0632, -2.4307, -2.0927

Details

The XYZ color **32.2617, 33.7134, 41.8527** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1737, 37.1753, 35.4592**, and the grayscale version is **32.0531, 33.7224, 36.7237**.

A 20% lighter version of the original color is **62.5949, 65.6801, 79.1905**, and **13.7859, 14.3938, 18.5747** is the 20% darker color. If you saturate the color by 10%, you get **27.3316, 28.2334, 41.0553**, and if you desaturate by 10%, it is **37.8504, 39.8466, 42.7425**.

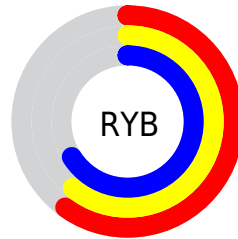
Distribution



Red (60%)

Green (62%)

Blue (66%)



Red (60%)

Yellow (61%)

Blue (66%)

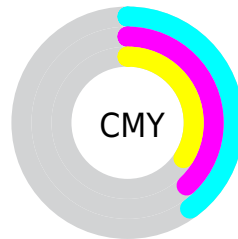


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (40%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2617, 33.7134, 41.8527 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 32.2617, 33.7134, 41.8527 by changing the saturation by 10% instead.

■ 32.2617, 33.7134,
41.8527

■ 32.2617, 33.7134,
41.8527

304.0338,
318.8522, 369.6536

■ 21.7180, 22.6735,
28.6613

■ 62.5836, 65.4877,
79.2443

■ 13.7653, 14.3526,
18.5813

■ 83.0924, 86.9910,
104.2816

■ 8.0382, 8.3663,
11.1944

107.6537,
112.7508, 134.1045

■ 4.1714, 4.3302,
6.0819

136.6327,
143.1516, 169.1317

■ 1.7996, 1.8600,
2.8254

170.3949,
178.5777, 209.7817

■ 0.5174, 0.5241,
1.0062

209.3056,

■ 0.0000, 0.0000,

219.4136, 256.4730

0.0000

253.7301,
266.0436, 309.6241

■ 32.2617, 33.7134,
41.8527

■ 32.2617, 33.7134,
41.8527

■ 27.3316, 28.2334,
41.0553

■ 37.8504, 39.8466,
42.7425

■ 23.0323, 23.3804,
40.3452

■ 44.1181, 46.6497,
43.7253

■ 19.3386, 19.1327,
39.7200

■ 51.0880, 54.1439,
44.8045

■ 16.2220, 15.4654,
39.1764

■ 58.7813, 62.3484,
45.9826

■ 13.6522, 12.3523,
38.7109

■ 67.2183, 71.2814,
47.2622

■ 11.5954, 9.7644,
38.3198

■ 76.4185, 80.9606,
48.6455

■ 10.0142, 7.6705,
37.9990

■ 80.4258, 88.3228,
49.8554

■ 8.8654, 6.0349,
37.7439

■ 84.0680, 95.6072,
51.0694

■ 8.0733, 4.8044,
37.5481

Harmonies

Analogous

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



31.3775, 33.7134, 41.4744



32.2617, 33.7134, 41.8527



33.1027, 33.7134, 40.8019

Triad

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



32.2617, 33.7134, 41.8527



33.4428, 33.7134, 33.7887



30.4730, 33.7134, 34.8206

Complementary

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



32.2617, 33.7134, 41.8527



35.1737, 37.1753, 35.4592

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.



31.0073, 33.7134, 32.8978



32.2617, 33.7134, 41.8527



32.7190, 33.7134, 32.3218

Square

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



32.2617, 33.7134, 41.8527



33.7929, 33.7134, 36.0884



31.8264, 33.7134, 32.0035



30.3557, 33.7134, 37.3350

Rectangle

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



32.2617, 33.7134, 41.8527



33.5220, 33.7134, 39.4601



31.8264, 33.7134, 32.0035



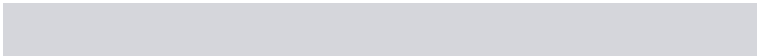
30.6093, 33.7134, 34.0872

Sweetspot

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



32.2627, 33.7148, 41.8534



64.3528, 67.5694, 76.8755



33.8183, 37.4494, 40.4502



13.8511, 14.5353, 16.7277



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.



32.2627, 33.7148, 41.8534



56.4072, 58.8161, 75.6047



32.2184, 32.7031, 41.6605



7.2886, 7.6141, 9.5039



6.0783, 3.6167, 28.3532



0.1889, 0.1701, 0.7035

Inverse Universe

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



33.6262, 33.5423, 36.6020



59.4735, 58.4622, 63.7874



35.2180, 38.2782, 35.6698



7.6103, 7.5740, 8.2649



12.5686, 6.4362, 2.5399



0.3265, 0.1649, 0.1709

Previews

White Background



This preview shows how the XYZ color 32.2617, 33.7134, 41.8527 looks on a white background.

Color Contrast Check

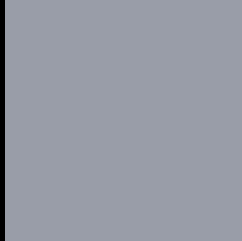
Large Text (above 18pt) WCAG AA × Fail

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 32.2617, 33.7134, 41.8527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

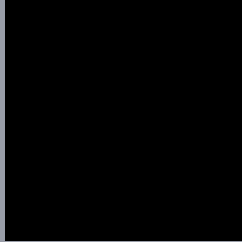
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2617, 33.7134, 41.8527

Background



This preview shows how black text looks on a background with the XYZ color 32.2617, 33.7134, 41.8527.



This preview shows how white text looks on a background with the XYZ color 32.2617, 33.7134,

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

32.2617, 33.7134, 41.8527

Protanopia

32.7681, 33.7351, 41.3437

Deuteranopia

34.3260, 33.5365, 42.2001



Tritanopia

32.3553, 33.7508, 42.3454

Trichromacy



Original Color

32.2617, 33.7134, 41.8527

Protanomaly

32.5738, 33.6349, 41.3346

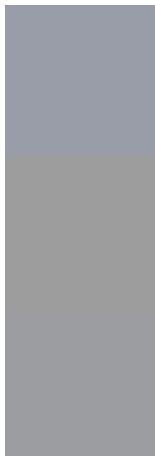
Deuteranomaly

33.6173, 33.6572, 42.2608

Tritanomaly

32.3553, 33.7508, 42.3454

Monochromacy



Original Color

32.2617, 33.7134, 41.8527

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2003, 33.7551, 38.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2617, 33.7134, 41.8527 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(153, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(153, 157, 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(153, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 157, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.2617, 33.7134, 41.8527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

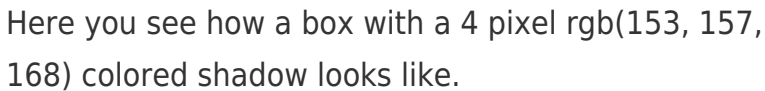
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 157, 168) }
```


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

```
.border{ border-color:rgb(153, 157, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 157, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 157, 168); box-shadow:4px 4px 4px 4px rgb(153, 157, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2617, 33.7134, 41.8527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 157, 168) }
```

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

```
.background{ background-color: rgb(153,  
157, 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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