

Converting Colors

XYZ(33.5622, 33.8307, 44.2962)

Have a look what the booklet for
XYZ(33.5622, 33.8307, 44.2962)
contains.

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Color

**XYZ(33.5622, 33.8307,
44.2962)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9BAD
RGB	159, 155, 173
RGB Percent	62%, 61%, 68%
CMY	0.3765, 0.3921, 0.3216
CMYK	0.08, 0.10, 0.00, 0.32
HSL	253°, 10%, 64%
HSV	253°, 10%, 68%
XYZ	33.5622, 33.8307, 44.2962
YIQ	158.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

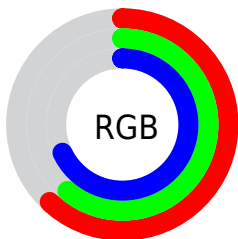
Format	Color
RYB	159, 155, 173
Decimal	10460077
CIELab	64.83, 5.01, -8.84
CIELCh	65, 10.157, 299.552
Yxy	33.8307, 0.3005, 0.3029
Android (android.graphics.Color)	4288650157 (0xFF9F9BAD)
YUV	158.2480, 7.2727, 0.6595
Hunter-Lab	58.1642, 1.2117, -4.4387

Details

The XYZ color **33.5622, 33.8307, 44.2962** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2234, 40.6896, 36.9039**, and the grayscale version is **32.5818, 34.2786, 37.3294**.

A 20% lighter version of the original color is **64.5356, 65.4985, 82.6399**, and **14.5858, 14.4693, 20.1132** is the 20% darker color. If you saturate the color by 10%, you get **28.3621, 27.1785, 43.2868**, and if you desaturate by 10%, it is **39.4674, 41.4606, 45.4582**.

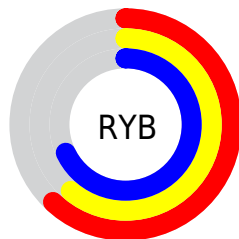
Distribution



Red (62%)

Green (61%)

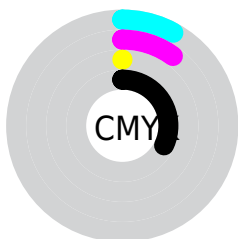
Blue (68%)



Red (62%)

Yellow (61%)

Blue (68%)

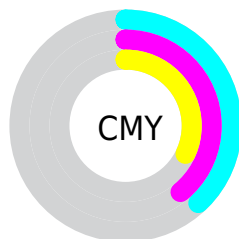


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5622, 33.8307, 44.2962 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 33.5622, 33.8307, 44.2962 by changing the saturation by 10% instead.

■ 33.5622, 33.8307,
44.2962

■ 33.5622, 33.8307,
44.2962

309.7959,
319.3765, 379.9923

■ 22.7188, 22.7636,
30.5645

■ 64.6011, 65.6703,
82.9705

■ 14.5055, 14.4190,
20.0118

■ 85.5273, 87.2116,
108.7502

■ 8.5571, 8.4127,
12.2195

110.5451,
113.0130, 139.3830

■ 4.5083, 4.3601,
6.7690

140.0198,
143.4590, 175.2874

■ 1.9935, 1.8770,
3.2418

174.3170,
178.9340, 216.8820

■ 0.6303, 0.5345,
1.2194

213.8018,

■ 0.0000, 0.0000,

219.8223, 264.5853

0.0000

258.8396,
266.5083, 318.8159

■ 33.5622, 33.8307,
44.2962

■ 33.5622, 33.8307,
44.2962

■ 28.3621, 27.1785,
43.2868

■ 39.4674, 41.4606,
45.4582

■ 23.8373, 21.4599,
42.4215

■ 46.1000, 50.1013,
46.7764

■ 19.9604, 16.6340,
41.6943

■ 53.4848, 59.7895,
48.2572

■ 16.7009, 12.6551,
41.0981

■ 61.6449, 70.5590,
49.9059

■ 14.0258, 9.4732,
40.6249

■ 70.6020, 82.4420,
51.7274

■ 11.8987, 7.0332,
40.2661

■ 79.1517, 93.0179,
53.3182

■ 10.2789, 5.2727,
40.0116

■ 83.8847, 95.4578,
53.5397

■ 9.1198, 4.1186,
39.8500

■ 84.5429, 95.7972,
53.5705

■ 8.3581, 3.4374,
39.7586

Harmonies

Analogous

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



32.1331, 33.8307, 45.4914



33.5622, 33.8307, 44.2962



34.6410, 33.8307, 41.0702

Triad

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



33.5622, 33.8307, 44.2962



33.6014, 33.8307, 30.3194



29.4240, 33.8307, 36.7729

Complementary

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



33.5622, 33.8307, 44.2962



37.2234, 40.6896, 36.9039

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.



29.7910, 33.8307, 32.9031



33.5622, 33.8307, 44.2962



32.1771, 33.8307, 29.3544

Square

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



33.5622, 33.8307, 44.2962



34.6642, 33.8307, 33.0044



30.7878, 33.8307, 30.2641



29.7701, 33.8307, 40.9529

Rectangle

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



33.5622, 33.8307, 44.2962



35.0009, 33.8307, 38.3159



30.7878, 33.8307, 30.2641



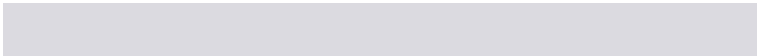
29.4678, 33.8307, 35.3944

Sweetspot

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



33.5632, 33.8321, 44.2969



67.7569, 70.4598, 80.8347



35.2681, 38.3998, 45.0887



14.5389, 15.0716, 17.5305



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.5632, 33.8321, 44.2969



58.3347, 58.3110, 78.9863



35.3924, 34.7751, 44.3826



7.7391, 7.8398, 10.0580



6.1820, 2.5468, 29.2103



0.2180, 0.0946, 0.8147

Inverse Universe

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



36.1175, 35.1929, 42.4271



63.6480, 61.1424, 75.0643



35.3782, 39.7384, 36.8176



8.2598, 8.1172, 9.6788



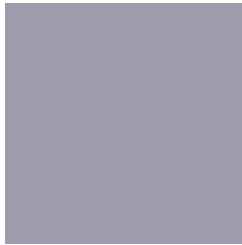
15.8734, 7.8119, 17.5105



0.4602, 0.2248, 0.5851

Previews

White Background



This preview shows how the XYZ color 33.5622, 33.8307, 44.2962 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 33.5622, 33.8307, 44.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

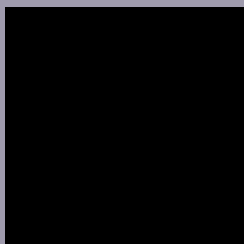
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5622, 33.8307, 44.2962

Background



This preview shows how black text looks on a background with the XYZ color 33.5622, 33.8307, 44.2962.



This preview shows how white text looks on a background with the XYZ color 33.5622, 33.8307,

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

33.5622, 33.8307, 44.2962

Protanopia

33.0460, 33.8015, 44.8270

Deuteranopia

34.4511, 33.7989, 44.2432



Tritanopia

33.0569, 33.8732, 41.8417

Trichromacy



Original Color

33.5622, 33.8307, 44.2962

Protanomaly

33.2387, 33.9008, 44.8360

Deuteranomaly

34.2027, 33.9149, 44.2787

Tritanomaly

33.2447, 33.9483, 42.8307

Monochromacy



Original Color

33.5622, 33.8307, 44.2962

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7684, 34.0274, 39.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5622, 33.8307, 44.2962 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(159, 155, 173)` looks like.

```
.text, #text, p{  
    color:rgb(159, 155, 173)  
}
```

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(159, 155, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 155, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.5622, 33.8307, 44.2962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

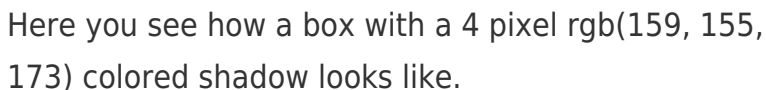
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 155, 173) }
```


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

```
.border{ border-color:rgb(159, 155, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 155, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 155, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 155, 173); box-shadow:4px 4px 4px 4px rgb(159, 155, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5622, 33.8307, 44.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 155, 173) }
```

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

```
.background{ background-color: rgb(159,  
155, 173) }
```

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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