

Converting Colors

XYZ(33.8801, 33.0753, 43.1325)

Have a look what the booklet for
XYZ(33.8801, 33.0753, 43.1325)
contains.

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Color

**XYZ(33.9343, 33.0728,
43.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	A597AB
RGB	165, 151, 171
RGB Percent	65%, 59%, 67%
CMY	0.3529, 0.4078, 0.3294
CMYK	0.04, 0.12, 0.00, 0.33
HSL	282°, 11%, 63%
HSV	282°, 12%, 67%
XYZ	33.9343, 33.0728, 43.1232
YIQ	157.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

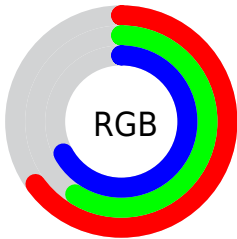
Format	Color
RYB	165, 151, 171
Decimal	10852267
CIELab	64.22, 8.93, -8.56
CIELCh	64, 12.375, 316.204
Yxy	33.0728, 0.3081, 0.3003
Android (android.graphics.Color)	4289042347 (0xFFA597AB)
YUV	157.4660, 6.6723, 6.6073
Hunter-Lab	57.5090, 4.6868, -4.2025

Details

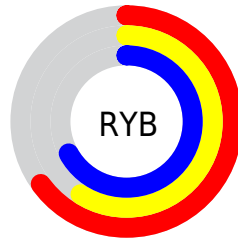
The XYZ color **33.9343, 33.0728, 43.1232** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0547, 38.5291, 34.9218**, and the grayscale version is **32.2288, 33.9072, 36.9250**.

A 20% lighter version of the original color is **65.0740, 64.3693, 80.9462**, and **14.6970, 13.9570, 19.3721** is the 20% darker color. If you saturate the color by 10%, you get **30.3339, 27.4241, 42.2232**, and if you desaturate by 10%, it is **37.9787, 39.5447, 44.1597**.

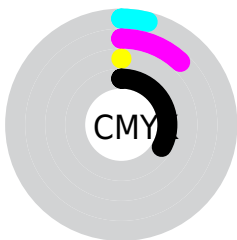
Distribution



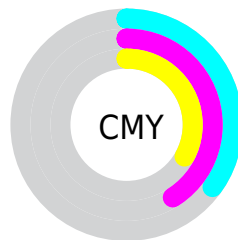
- Red (65%)
- Green (59%)
- Blue (67%)



- Red (65%)
- Yellow (59%)
- Blue (67%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9343, 33.0728, 43.1232 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 33.9343, 33.0728, 43.1232 by changing the saturation by 10% instead.

■ 33.9343, 33.0728,
43.1232

■ 33.9343, 33.0728,
43.1232

311.4301,
315.9776, 375.0543

■ 23.0058, 22.1822,
29.6497

■ 65.1765, 64.4892,
81.1851

■ 14.7185, 13.9909,
19.3230

■ 86.2208, 85.7838,
106.6105

■ 8.7071, 8.1143,
11.7248

111.3678,
111.3151, 136.8570

■ 4.6062, 4.1682,
6.4363

140.9828,
141.4677, 172.3431

■ 2.0505, 1.7681,
3.0391

175.4312,
176.6258, 213.4874

■ 0.6621, 0.4672,
1.1146

215.0783,

■ 0.0000, 0.0000,

217.1739, 260.7083

0.0000

260.2895,
263.4964, 314.4244

■ 33.9343, 33.0728,
43.1232

■ 33.9343, 33.0728,
43.1232

■ 30.3339, 27.4241,
42.2232

■ 37.9787, 39.5447,
44.1597

■ 27.1569, 22.5600,
41.4517

■ 42.4806, 46.8680,
45.3360

■ 24.3854, 18.4449,
40.8035

■ 47.4568, 55.0748,
46.6578

■ 21.9991, 15.0388,
40.2718

■ 52.9220, 64.1941,
48.1299

■ 19.9757, 12.2979,
39.8494

■ 58.8907, 74.2536,
49.7571

■ 18.2905, 10.1736,
39.5282

■ 65.3762, 85.2801,
51.5435

■ 16.9151, 8.6101,
39.2989

■ 67.1755, 86.8661,
51.7549

■ 15.8164, 7.5417,
39.1506

■ 68.5772, 87.5887,
51.8205

■ 15.0542, 6.9116,
39.0692

■ 70.0255, 88.3353,
51.8882

Harmonies

Analogous

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



32.3860, 33.0728, 46.1129



33.9343, 33.0728, 43.1232



34.8276, 33.0728, 38.3652

Triad

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



33.9343, 33.0728, 43.1232



32.2464, 33.0728, 27.4157



28.3038, 33.0728, 38.7758

Complementary

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



33.9343, 33.0728, 43.1232



34.0547, 38.5291, 34.9218

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.



28.2696, 33.0728, 33.7544



33.9343, 33.0728, 43.1232



30.5023, 33.0728, 27.5034

Square

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



33.9343, 33.0728, 43.1232



33.8289, 33.0728, 29.4747



29.0610, 33.0728, 29.7266



29.1562, 33.0728, 43.4478

Rectangle

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



33.9343, 33.0728, 43.1232



34.9108, 33.0728, 34.9762



29.0610, 33.0728, 29.7266



28.1974, 33.0728, 37.0653

Sweetspot

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



33.9353, 33.0742, 43.1239



66.2228, 67.9315, 78.6237



32.2279, 33.7479, 43.3439



14.6457, 14.9527, 17.5019



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.



33.9353, 33.0742, 43.1239



59.0547, 56.5125, 76.7974



34.8681, 33.5949, 41.3684



8.0996, 8.0256, 10.0749



11.4035, 5.2386, 29.4546



0.3689, 0.1724, 0.8218

Inverse Universe

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



33.9481, 33.2269, 36.5241



59.1017, 56.8517, 62.5694



33.2150, 38.0613, 36.4612



8.1005, 8.0534, 8.8398



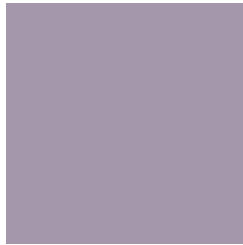
13.1370, 6.7174, 3.1010



0.3899, 0.1967, 0.2151

Previews

White Background



This preview shows how the XYZ color 33.9343, 33.0728, 43.1232 looks on a white background.

Color Contrast Check

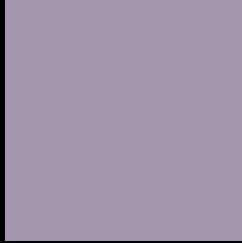
Large Text (above 18pt) WCAG AA × Fail

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 33.9343, 33.0728, 43.1232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

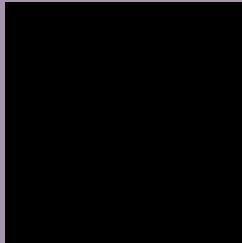
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9343, 33.0728, 43.1232

Background



This preview shows how black text looks on a background with the XYZ color 33.9343, 33.0728, 43.1232.



This preview shows how white text looks on a background with the XYZ color 33.9343, 33.0728,

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

33.9343, 33.0728, 43.1232

Protanopia

32.4010, 33.2321, 44.2419

Deuteranopia

33.7271, 32.9660, 43.1135



Tritanopia

33.2389, 33.0293, 39.7454

Trichromacy



Original Color

33.9343, 33.0728, 43.1232

Protanomaly

32.9066, 33.2579, 43.7148

Deuteranomaly

33.7271, 32.9660, 43.1135

Tritanomaly

33.5131, 33.1390, 41.1894

Monochromacy



Original Color

33.9343, 33.0728, 43.1232

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7401, 33.5249, 38.9278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9343, 33.0728, 43.1232 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(165, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 171)  
}
```

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(165, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.9343, 33.0728, 43.1232 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(165, 151, 171) }
```


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

```
.border{ border-color:rgb(165, 151, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(165, 151,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9343, 33.0728, 43.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 171) }
```

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

```
.background{ background-color: rgb(165,  
151, 171) }
```

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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