

Converting Colors

XYZ(33.6179, 32.1834, 33.2943)

Have a look what the booklet for
XYZ(33.6179, 32.1834, 33.2943)
contains.

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Color

**XYZ(33.6179, 32.1834,
33.2943)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9396
RGB	175, 147, 150
RGB Percent	69%, 58%, 59%
CMY	0.3137, 0.4235, 0.4118
CMYK	0.00, 0.16, 0.14, 0.31
HSL	354°, 15%, 63%
HSV	354°, 16%, 69%
XYZ	33.6179, 32.1834, 33.2943
YIQ	155.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

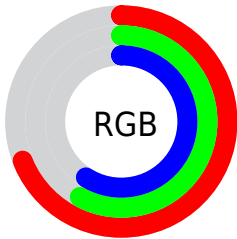
Format	Color
R_{YB}	175, 147, 150
Decimal	11506582
CIE _{Lab}	63.49, 10.95, 2.32
CIE _{LCh}	63, 11.197, 11.947
Yxy	32.1834, 0.3392, 0.3248
Android (android.graphics.Color)	4289696662 (0xFFAF9396)
YUV	155.7140, -2.8170, 16.9138
Hunter-Lab	56.7304, 6.4992, 4.9148

Details

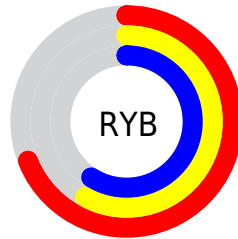
The XYZ color **33.6179, 32.1834, 33.2943** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8102, 39.8423, 44.8873**, and the grayscale version is **31.4805, 33.1199, 36.0676**.

A 20% lighter version of the original color is **64.7407, 63.1218, 65.8983**, and **14.4610, 13.4042, 13.6295** is the 20% darker color. If you saturate the color by 10%, you get **29.9254, 26.6794, 26.2637**, and if you desaturate by 10%, it is **37.8940, 38.5854, 41.3482**.

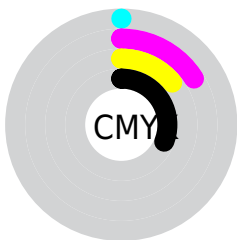
Distribution



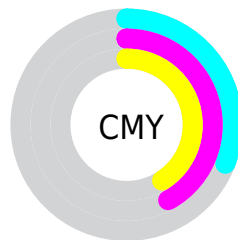
- Red (69%)
- Green (58%)
- Blue (59%)



- Red (69%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6179, 32.1834, 33.2943 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 33.6179, 32.1834, 33.2943 by changing the saturation by 10% instead.

■ 33.6179, 32.1834,
33.2943

■ 33.6179, 32.1834,
33.2943

310.0409,
311.9539, 331.6464

■ 22.7617, 21.5016,
22.0790

■ 64.6873, 63.0985,
65.9560

■ 14.5374, 13.4912,
13.7161

■ 85.6312, 84.1006,
88.2396

■ 8.5796, 7.7676,
7.7870

110.6684,
109.3116, 115.0496

■ 4.5229, 3.9466,
3.8731

140.1642,
139.1159, 146.8047

■ 2.0020, 1.6437,
1.5560

174.4840,
173.8979, 183.9234

■ 0.6351, 0.3868,
0.2591

213.9931,

■ 0.0000, 0.0000,

214.0419, 226.8242

0.0000

259.0570,
259.9324, 275.9257

■ 33.6179, 32.1834,
33.2943

■ 33.6179, 32.1834,
33.2943

■ 29.9254, 26.6794,
26.2637

■ 37.8940, 38.5854,
41.3482

■ 26.7886, 22.0291,
20.2134

■ 42.7748, 45.9184,
50.4619

■ 24.1812, 18.1911,
15.1004

■ 48.2835, 54.2192,
60.6728

■ 22.0740, 15.1186,
10.8776

■ 54.4413, 63.5212,
72.0156

■ 20.4347, 12.7602,
7.4940

■ 61.2684, 73.8563,
84.5239

■ 19.2271, 11.0581,
4.8932

■ 68.7842, 85.2549,
98.2293

■ 18.4099, 9.9457,
3.0120

■ 71.4893, 87.8540,
107.7974

■ 17.9306, 9.3362,
1.7759

■ 17.7946, 9.1601,
1.4344

Harmonies

Analogous

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



33.5299, 32.1834, 37.7716



33.6179, 32.1834, 33.2943



32.8743, 32.1834, 29.6093

Triad

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



33.6179, 32.1834, 33.2943



28.6283, 32.1834, 29.0350



29.6695, 32.1834, 43.8582

Complementary

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



33.6179, 32.1834, 33.2943



34.8102, 39.8423, 44.8873

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.



28.4128, 32.1834, 41.1021



33.6179, 32.1834, 33.2943



27.8259, 32.1834, 32.4477

Square

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



33.6179, 32.1834, 33.2943



29.9728, 32.1834, 27.2938



27.7484, 32.1834, 36.8503



31.2143, 32.1834, 44.1337

Rectangle

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



33.6179, 32.1834, 33.2943



32.0214, 32.1834, 27.9964



27.7484, 32.1834, 36.8503



29.2007, 32.1834, 43.1809

Sweetspot

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



33.6188, 32.1848, 33.2950



68.6175, 70.2313, 75.4605



35.1273, 32.7046, 45.0189



15.1247, 15.4202, 16.5351



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.6188, 32.1848, 33.2950



57.8930, 54.1830, 55.2360



35.1280, 35.5845, 32.6226



8.0388, 8.0288, 8.5151



12.7550, 6.5645, 1.0891



0.3657, 0.1870, 0.0874

Inverse Universe

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



33.6188, 32.1848, 33.2950



57.8930, 54.1830, 55.2360



33.0949, 35.9458, 45.7516



8.0388, 8.0288, 8.5151



12.7550, 6.5645, 1.0891



0.3657, 0.1870, 0.0874

Previews

White Background



This preview shows how the XYZ color 33.6179, 32.1834, 33.2943 looks on a white background.

Color Contrast Check

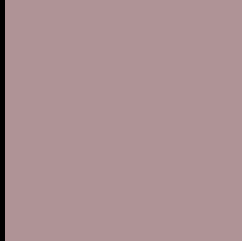
Large Text (above 18pt) WCAG AA × Fail

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 33.6179, 32.1834, 33.2943 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 33.6179, 32.1834, 33.2943

Background



This preview shows how black text looks on a background with the XYZ color 33.6179, 32.1834, 33.2943.



This preview shows how white text looks on a background with the XYZ color 33.6179, 32.1834,

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

33.6179, 32.1834, 33.2943

Protanopia

31.0456, 32.2505, 34.7257

Deuteranopia

32.8300, 32.2429, 33.3473



Tritanopia

34.2692, 32.2222, 36.3116

Trichromacy



Original Color

33.6179, 32.1834, 33.2943

Protanomaly

32.0439, 32.2927, 34.2500

Deuteranomaly

33.1082, 32.1525, 33.3152

Tritanomaly

34.0161, 32.1210, 34.9790

Monochromacy



Original Color

33.6179, 32.1834, 33.2943

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3282, 32.9021, 35.2187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6179, 32.1834, 33.2943 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(175, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(175, 147, 150)  
}
```

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(175, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 147, 150) }
```

Border

The CSS property to change the border of an element to XYZ 33.6179, 32.1834, 33.2943 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(175, 147, 150) }
```


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

```
.border{ border-color:rgb(175, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(175, 147,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6179, 32.1834, 33.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 147, 150) }
```

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

```
.background{ background-color: rgb(175,  
147, 150) }
```

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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