

Converting Colors

XYZ(32.7249, 33.5780, 33.9134)

Have a look what the booklet for
XYZ(32.7249, 33.5780, 33.9134)
contains.

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Color

**XYZ(32.8243, 33.6764,
34.0483)**

Conversions

Conversions Part 1

Format	Color
Hex	A59B97
RGB	165, 155, 151
RGB Percent	65%, 61%, 59%
CMY	0.3529, 0.3921, 0.4078
CMYK	0.00, 0.06, 0.08, 0.35
HSL	17°, 7%, 62%
HSV	17°, 8%, 65%
XYZ	32.8243, 33.6764, 34.0483
YIQ	157.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

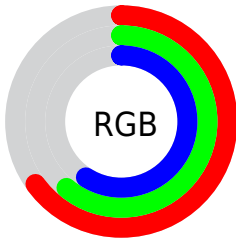
Format	Color
RYB	165, 157, 151
Decimal	10853271
CIELab	64.70, 2.93, 3.40
CIELCh	65, 4.486, 49.202
Yxy	33.6764, 0.3265, 0.3349
Android (android.graphics.Color)	4289043351 (0xFFA59B97)
YUV	157.5340, -3.2213, 6.5477
Hunter-Lab	58.0314, -0.5899, 5.8352

Details

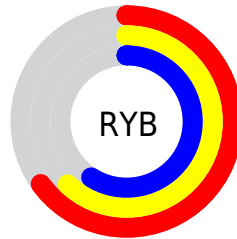
The XYZ color **32.8243, 33.6764, 34.0483** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2988, 34.7850, 40.6095**, and the grayscale version is **32.3011, 33.9832, 37.0078**.

A 20% lighter version of the original color is **63.3351, 65.2244, 67.0090**, and **14.0606, 14.3314, 14.0818** is the 20% darker color. If you saturate the color by 10%, you get **29.7111, 29.4463, 26.8557**, and if you desaturate by 10%, it is **36.3183, 38.3672, 42.2940**.

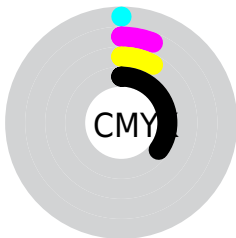
Distribution



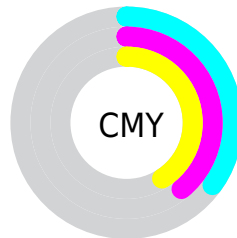
- Red (65%)
- Green (61%)
- Blue (59%)



- Red (65%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8243, 33.6764, 34.0483 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 32.8243, 33.6764, 34.0483 by changing the saturation by 10% instead.

■ 32.8243, 33.6764,
34.0483

■ 32.8243, 33.6764,
34.0483

306.5363,
318.6867, 335.1231

■ 22.1505, 22.6451,
22.6530

■ 63.4576, 65.4301,
67.1435

■ 14.0847, 14.3317,
14.1346

■ 84.1479, 86.9214,
89.6806

■ 8.2617, 8.3517,
8.0746

108.9076,
112.6680, 116.7686

■ 4.3161, 4.3208,
4.0542

138.1022,
143.0545, 148.8263

■ 1.8825, 1.8546,
1.6551

172.0970,
178.4652, 186.2720

■ 0.5666, 0.5209,
0.3297

211.2574,

■ 0.0000, 0.0000,

219.2846, 229.5243

0.0000

255.9487,
265.8969, 279.0019

■ 32.8243, 33.6764,
34.0483

■ 32.8243, 33.6764,
34.0483

■ 29.7111, 29.4463,
26.8557

■ 36.3183, 38.3672,
42.2940

■ 26.9628, 25.6585,
20.6713

■ 40.2028, 43.5276,
51.6308

■ 24.5662, 22.2997,
15.4505

■ 44.4907, 49.1719,
62.0975

■ 22.5064, 19.3543,
11.1440

■ 49.1934, 55.3124,
73.7302

■ 20.7674, 16.8058,
7.6986

■ 54.3219, 61.9611,
86.5635

■ 19.3316, 14.6365,
5.0551

■ 59.8867, 69.1294,
100.6307

■ 18.1798, 12.8273,
3.1471

■ 63.9901, 76.0653,
105.9172

■ 17.2901, 11.3570,
1.8970

■ 67.5235, 83.1320,
107.0950

■ 16.6278, 10.1986,
1.1640

■ 69.3272, 86.7394,
107.6962

Harmonies

Analogous

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



33.1921, 33.6764, 35.5138



32.8243, 33.6764, 34.0483



32.2409, 33.6764, 33.2936

Triad

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



32.8243, 33.6764, 34.0483



30.8074, 33.6764, 36.0075



32.4174, 33.6764, 40.1198

Complementary

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



32.8243, 33.6764, 34.0483



32.2988, 34.7850, 40.6095

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.



31.7770, 33.6764, 40.2628



32.8243, 33.6764, 34.0483



30.8532, 33.6764, 37.8466

Square

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



32.8243, 33.6764, 34.0483



31.0802, 33.6764, 34.3993



31.2061, 33.6764, 39.4185



32.9550, 33.6764, 39.0341

Rectangle

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



32.8243, 33.6764, 34.0483



31.8108, 33.6764, 33.2775



31.2061, 33.6764, 39.4185



32.2068, 33.6764, 40.2810

Sweetspot

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



32.8252, 33.6779, 34.0490



62.0981, 64.7708, 68.7579



33.0200, 32.7074, 38.3068



13.4688, 14.0165, 14.7792



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.8252, 33.6779, 34.0490



57.7926, 58.9698, 58.6598



34.0178, 36.0630, 34.4465



7.2311, 7.4005, 7.4274



12.5513, 7.6766, 0.8202



0.3021, 0.2380, 0.0300

Inverse Universe

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



32.2988, 34.7850, 40.6095



56.6736, 61.3223, 72.6017



31.1156, 32.4186, 40.2151



7.1042, 7.6674, 9.0086



10.0670, 11.9133, 28.6987



0.2487, 0.3246, 0.6154

Previews

White Background



This preview shows how the XYZ color 32.8243, 33.6764, 34.0483 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 32.8243, 33.6764, 34.0483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

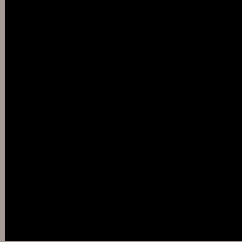
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8243, 33.6764, 34.0483

Background



This preview shows how black text looks on a background with the XYZ color 32.8243, 33.6764, 34.0483.



This preview shows how white text looks on a background with the XYZ color 32.8243, 33.6764,

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

32.8243, 33.6764, 34.0483

Protanopia

32.2539, 33.6210, 34.4953

Deuteranopia

34.3513, 33.7221, 34.4043



Tritanopia

34.1191, 33.7146, 40.3066

Trichromacy



Original Color

32.8243, 33.6764, 34.0483

Protanomaly

32.4563, 33.7253, 34.5048

Deuteranomaly

33.8533, 33.7074, 34.4277

Tritanomaly

33.6266, 33.7563, 38.0010

Monochromacy



Original Color

32.8243, 33.6764, 34.0483

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6713, 34.0576, 35.8622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8243, 33.6764, 34.0483 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, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 151)  
}
```

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, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.8243, 33.6764, 34.0483 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, 155, 151) }
```


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

```
.border{ border-color:rgb(165, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8243, 33.6764, 34.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 151) }
```

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

```
.background{ background-color: rgb(165,  
155, 151) }
```

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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