

Converting Colors

XYZ(32.9600, 35.3206, 31.8684)

Have a look what the booklet for
XYZ(32.9600, 35.3206, 31.8684)
contains.

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Color

**XYZ(32.9600, 35.3206,
31.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A191
RGB	163, 161, 145
RGB Percent	64%, 63%, 57%
CMY	0.3608, 0.3686, 0.4314
CMYK	0.00, 0.01, 0.11, 0.36
HSL	53°, 9%, 60%
HSV	53°, 11%, 64%
XYZ	32.9600, 35.3206, 31.8684
YIQ	159.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

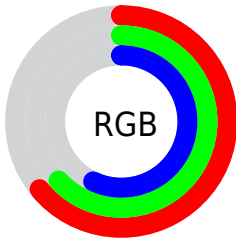
Format	Color
RYB	147, 163, 145
Decimal	10723729
CIELab	66.00, -2.16, 8.59
CIELCh	66, 8.853, 104.109
Yxy	35.3206, 0.3291, 0.3527
Android (android.graphics.Color)	4288913809 (0xFFA3A191)
YUV	159.7740, -7.2836, 2.8292
Hunter-Lab	59.4311, -5.0099, 9.8091

Details

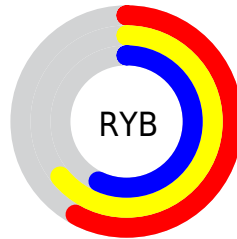
The XYZ color **32.9600, 35.3206, 31.8684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7216, 29.5311, 38.8371**, and the grayscale version is **33.3408, 35.0771, 38.1990**.

A 20% lighter version of the original color is **63.7781, 68.1407, 63.8238**, and **14.1970, 15.3576, 13.0425** is the 20% darker color. If you saturate the color by 10%, you get **31.4789, 34.2273, 25.6123**, and if you desaturate by 10%, it is **34.6280, 36.4983, 39.0775**.

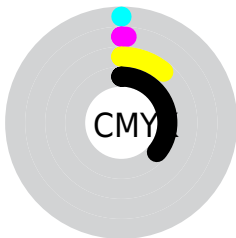
Distribution



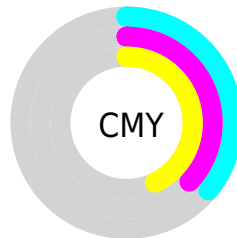
- Red (64%)
- Green (63%)
- Blue (57%)



- Red (58%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (36%)



- Cyan (36%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9600, 35.3206, 31.8684 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 32.9600, 35.3206, 31.8684 by changing the saturation by 10% instead.

■ 32.9600, 35.3206,
31.8684

■ 32.9600, 35.3206,
31.8684

307.1376,
325.9812, 324.9936

■ 22.2549, 23.9099,
20.9970

■ 63.6682, 67.9821,
63.7002

■ 14.1620, 15.2668,
12.9306

■ 84.4019, 90.0018,
85.4978

■ 8.3159, 9.0069,
7.2506

109.2093,
116.3266, 111.7744

■ 4.3512, 4.7457,
3.5385

138.4556,
147.3409, 142.9488

■ 1.9027, 2.0988,
1.3757

172.5063,
183.4291, 179.4393

■ 0.5784, 0.6640,
0.1227

211.7266,

■ 0.0000, 0.0000,

224.9756, 221.6646

0.0000

256.4819,
272.3649, 270.0432

■ 32.9600, 35.3206,
31.8684

■ 32.9600, 35.3206,
31.8684

■ 31.4789, 34.2273,
25.6123

■ 34.6280, 36.4983,
39.0775

■ 30.1741, 33.2106,
20.2665

■ 36.4872, 37.7587,
47.2750

■ 29.0383, 32.2688,
15.7887

■ 38.5454, 39.1060,
56.4976

■ 28.0628, 31.3983,
12.1323

■ 40.8090, 40.5430,
66.7792

■ 27.2378, 30.5952,
9.2462

■ 43.2843, 42.0720,
78.1523

■ 26.5525, 29.8552,
7.0737

■ 45.9771, 43.6954,
90.6480

■ 25.9946, 29.1733,
5.5504

■ 48.2255, 45.1487,
100.7806

■ 25.5497, 28.5436,
4.6000

■ 48.5764, 45.8504,
100.8975

■ 25.2172, 28.0120,
4.0778

■ 48.9319, 46.5616,
101.0160

Harmonies

Analogous

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



34.2666, 35.3206, 31.9197



32.9600, 35.3206, 31.8684



31.8458, 35.3206, 33.5005

Triad

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



32.9600, 35.3206, 31.8684



31.7923, 35.3206, 43.7089



36.0563, 35.3206, 40.4704

Complementary

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



32.9600, 35.3206, 31.8684



28.7216, 29.5311, 38.8371

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.



35.3577, 35.3206, 43.8822



32.9600, 35.3206, 31.8684



32.8852, 35.3206, 45.8335

Square

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



32.9600, 35.3206, 31.8684



31.1836, 35.3206, 40.2462



34.1899, 35.3206, 45.8989



36.0776, 35.3206, 36.7238

Rectangle

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



32.9600, 35.3206, 31.8684



31.3525, 35.3206, 35.3889



34.1899, 35.3206, 45.8989



35.8921, 35.3206, 41.6999

Sweetspot

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



32.9610, 35.3221, 31.8692



61.3871, 64.9289, 67.2451



30.5044, 30.1476, 31.8567



13.7330, 14.5449, 14.8672



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.



32.9610, 35.3221, 31.8692



58.4183, 62.8151, 54.4675



31.9382, 35.3171, 31.9221



7.5820, 8.1024, 7.5444



19.6186, 21.8112, 3.1760



0.4300, 0.4939, 0.0727

Inverse Universe

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



28.7216, 29.5311, 38.8371



49.4494, 50.5634, 69.2096



29.6669, 29.5614, 38.7931



6.7608, 6.9806, 8.8941



5.3250, 2.4295, 27.1181



0.1295, 0.0862, 0.5757

Previews

White Background



This preview shows how the XYZ color 32.9600, 35.3206, 31.8684 looks on a white background.

Color Contrast Check

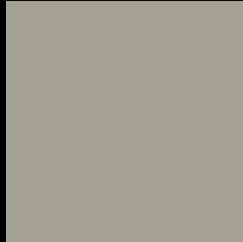
Large Text (above 18pt) WCAG AA × Fail

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 32.9600, 35.3206, 31.8684 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

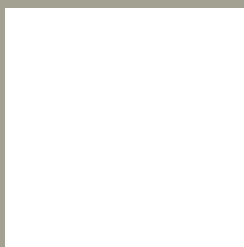
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9600, 35.3206, 31.8684

Background



This preview shows how black text looks on a background with the XYZ color 32.9600, 35.3206, 31.8684.



This preview shows how white text looks on a background with the XYZ color 32.9600, 35.3206,

31.8684.

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

32.9600, 35.3206, 31.8684

Protanopia

33.5412, 35.3707, 31.4450

Deuteranopia

35.9657, 35.3418, 32.1202



Tritanopia

35.2490, 35.2317, 42.9728

Trichromacy



Original Color

32.9600, 35.3206, 31.8684

Protanomaly

33.3307, 35.2622, 31.4351

Deuteranomaly

34.7008, 35.1879, 32.1571

Tritanomaly

34.3858, 35.1339, 38.6874

Monochromacy



Original Color

32.9600, 35.3206, 31.8684

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1851, 35.0852, 36.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9600, 35.3206, 31.8684 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(163, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 145)  
}
```

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(163, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 145) }
```

Border

The CSS property to change the border of an element to XYZ 32.9600, 35.3206, 31.8684 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(163, 161, 145) }
```


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

```
.border{ border-color:rgb(163, 161, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9600, 35.3206, 31.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 145) }
```

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

```
.background{ background-color: rgb(163,  
161, 145) }
```

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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