

Converting Colors

XYZ(32.9781, 33.8645, 40.3957)

Have a look what the booklet for
XYZ(32.9781, 33.8645, 40.3957)
contains.

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Color

**XYZ(32.9781, 33.8645,
40.3957)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9CA5
RGB	159, 156, 165
RGB Percent	62%, 61%, 65%
CMY	0.3765, 0.3882, 0.3529
CMYK	0.04, 0.05, 0.00, 0.35
HSL	260°, 5%, 63%
HSV	260°, 5%, 65%
XYZ	32.9781, 33.8645, 40.3957
YIQ	157.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

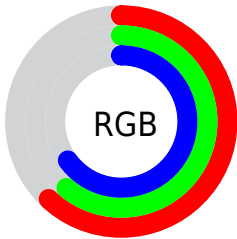
Format	Color
RYB	159, 156, 165
Decimal	10460325
CIELab	64.85, 2.83, -4.31
CIELCh	65, 5.153, 303.331
Yxy	33.8645, 0.3075, 0.3158
Android (android.graphics.Color)	4288650405 (0xFF9F9CA5)
YUV	157.9230, 3.4890, 0.9445
Hunter-Lab	58.1932, -0.6822, -0.4218

Details

The XYZ color **32.9781, 33.8645, 40.3957** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3575, 36.9929, 36.7837**, and the grayscale version is **32.4504, 34.1403, 37.1788**.

A 20% lighter version of the original color is **63.6964, 65.5566, 77.0067**, and **14.2166, 14.4836, 17.6691** is the 20% darker color. If you saturate the color by 10%, you get **28.3098, 27.6238, 39.4377**, and if you desaturate by 10%, it is **38.2188, 40.9604, 41.4897**.

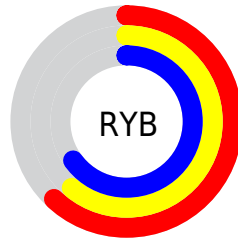
Distribution



Red (62%)

Green (61%)

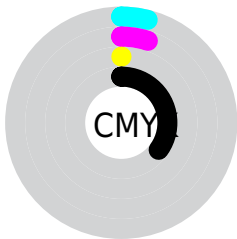
Blue (65%)



Red (62%)

Yellow (61%)

Blue (65%)

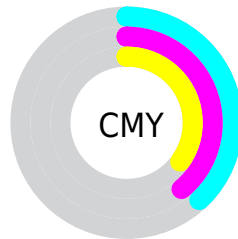


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9781, 33.8645, 40.3957 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 32.9781, 33.8645, 40.3957 by changing the saturation by 10% instead.

■ 32.9781, 33.8645,
40.3957

■ 32.9781, 33.8645,
40.3957

307.2178,
319.5274, 363.3901

■ 22.2688, 22.7895,
27.5311

■ 63.6962, 65.7229,
77.0094

■ 14.1723, 14.4382,
17.7365

■ 84.4358, 87.2751,
101.5955

■ 8.3231, 8.4260,
10.5935

109.2495,
113.0885, 130.9258

■ 4.3559, 4.3688,
5.6835

138.5028,
143.5475, 165.4190

■ 1.9054, 1.8819,
2.5879

172.5608,
179.0365, 205.4934

■ 0.5800, 0.5375,
0.8862

211.7891,

■ 0.0000, 0.0000,

219.9399, 251.5677

0.0000

256.5530,
266.6421, 304.0605

■ 32.9781, 33.8645,
40.3957

■ 32.9781, 33.8645,
40.3957

■ 28.3098, 27.6238,
39.4377

■ 38.2188, 40.9604,
41.4897

■ 24.1908, 22.2014,
38.6082

■ 44.0479, 48.9383,
42.7223

■ 20.6007, 17.5638,
37.9022

■ 50.4847, 57.8288,
44.0991

■ 17.5168, 13.6736,
37.3139

■ 57.5464, 67.6599,
45.6245

■ 14.9146, 10.4903,
36.8366

■ 65.2497, 78.4586,
47.3028

12.7674, 7.9695,
36.4632

73.6092, 90.2474,
49.1377

11.0454, 6.0613,
36.1856

77.1514, 92.0735,
49.3035

9.7151, 4.7087,
35.9947

80.9187, 94.0156,
49.4798

8.7349, 3.8393,
35.8785

83.7916, 95.4967,
49.6143

Harmonies

Analogous

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



32.2702, 33.8645, 41.1073



32.9781, 33.8645, 40.3957



33.4800, 33.8645, 38.7386

Triad

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



32.9781, 33.8645, 40.3957



32.8323, 33.8645, 33.3381



30.7828, 33.8645, 37.1108

Complementary

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



32.9781, 33.8645, 40.3957



34.3575, 36.9929, 36.7837

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.



30.9281, 33.8645, 35.0677



32.9781, 33.8645, 40.3957



32.1043, 33.8645, 32.9394

Square

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



32.9781, 33.8645, 40.3957



33.3949, 33.8645, 34.6712



31.4090, 33.8645, 33.5607



31.0090, 33.8645, 39.1654

Rectangle

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



32.9781, 33.8645, 40.3957



33.6262, 33.8645, 37.3496



31.4090, 33.8645, 33.5607



30.7898, 33.8645, 36.3998

Sweetspot

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



32.9791, 33.8659, 40.3964



62.1514, 64.8166, 72.9875



33.4498, 35.6792, 40.7216



13.6113, 14.2023, 15.9614



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.



32.9791, 33.8659, 40.3964



57.5911, 58.6728, 72.0419



33.8571, 34.3186, 40.4375



7.1093, 7.2331, 8.9245



6.3768, 2.6939, 27.1137



0.1824, 0.0816, 0.5720

Inverse Universe

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



33.9283, 34.3865, 39.0332



59.7948, 59.8816, 68.8614



33.4889, 36.5451, 36.7431



7.3928, 7.3886, 8.5150



13.8931, 6.9133, 11.8935



0.3124, 0.1535, 0.3579

Previews

White Background



This preview shows how the XYZ color 32.9781, 33.8645, 40.3957 looks on a white background.

Color Contrast Check

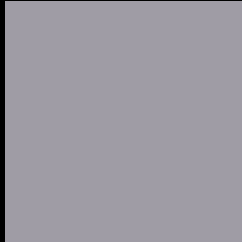
Large Text (above 18pt) WCAG AA × Fail

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 32.9781, 33.8645, 40.3957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

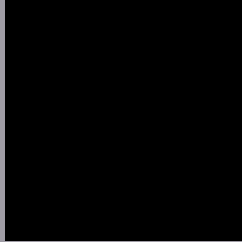
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

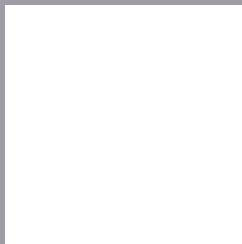
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9781, 33.8645, 40.3957

Background



This preview shows how black text looks on a background with the XYZ color 32.9781, 33.8645, 40.3957.



This preview shows how white text looks on a background with the XYZ color 32.9781, 33.8645,

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

32.9781, 33.8645, 40.3957

Protanopia

32.7805, 33.7626, 40.3864

Deuteranopia

34.6364, 33.9707, 40.8079



Tritanopia

33.2544, 33.9750, 41.8509

Trichromacy



Original Color

32.9781, 33.8645, 40.3957

Protanomaly

32.7805, 33.7626, 40.3864

Deuteranomaly

33.9556, 33.8637, 40.8231

Tritanomaly

33.1616, 33.9379, 41.3621

Monochromacy



Original Color

32.9781, 33.8645, 40.3957

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5905, 33.9563, 38.5547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9781, 33.8645, 40.3957 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, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(159, 156, 165)  
}
```

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, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 156, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.9781, 33.8645, 40.3957 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, 156, 165) }
```


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

```
.border{ border-color:rgb(159, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(159, 156,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9781, 33.8645, 40.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 156, 165) }
```

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

```
.background{ background-color: rgb(159,  
156, 165) }
```

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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