

Converting Colors

XYZ(32.2829, 33.6693, 35.8618)

Have a look what the booklet for
XYZ(32.2829, 33.6693, 35.8618)
contains.

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Color

**XYZ(32.3021, 33.6171,
35.7966)**

Conversions

Conversions Part 1

Format	Color
Hex	A09C9B
RGB	160, 156, 155
RGB Percent	63%, 61%, 61%
CMY	0.3725, 0.3882, 0.3922
CMYK	0.00, 0.02, 0.03, 0.37
HSL	12°, 3%, 62%
HSV	12°, 3%, 63%
XYZ	32.3021, 33.6171, 35.7966
YIQ	157.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

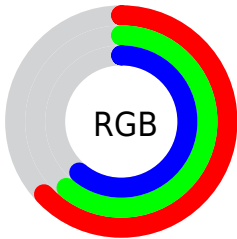
Format	Color
RYB	160, 156, 155
Decimal	10525851
CIELab	64.66, 1.27, 1.03
CIELCh	65, 1.631, 39.132
Yxy	33.6171, 0.3176, 0.3305
Android (android.graphics.Color)	4288715931 (0xFFA09C9B)
YUV	157.0820, -1.0264, 2.5591
Hunter-Lab	57.9803, -2.0191, 3.9810

Details

The XYZ color **32.3021, 33.6171, 35.7966** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2609, 34.3025, 38.1789**, and the grayscale version is **32.0891, 33.7603, 36.7649**.

A 20% lighter version of the original color is **62.5795, 65.1437, 69.5973**, and **13.8569, 14.3538, 15.1369** is the 20% darker color. If you saturate the color by 10%, you get **29.0122, 29.0467, 28.5040**, and if you desaturate by 10%, it is **35.9981, 38.7137, 44.1039**.

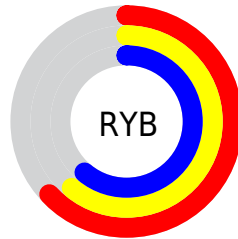
Distribution



Red (63%)

Green (61%)

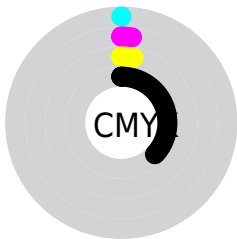
Blue (61%)



Red (63%)

Yellow (61%)

Blue (61%)

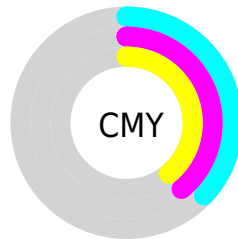


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3021, 33.6171, 35.7966 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 32.3021, 33.6171, 35.7966 by changing the saturation by 10% instead.

■ 32.3021, 33.6171,
35.7966

■ 32.3021, 33.6171,
35.7966

304.2140,
318.4213, 343.0811

■ 21.7490, 22.5996,
23.9887

■ 62.6464, 65.3378,
69.8835

■ 13.7882, 14.2981,
15.1131

■ 83.1683, 86.8098,
92.9996

■ 8.0542, 8.3283,
8.7513

107.7439,
112.5353, 120.7222

■ 4.1817, 4.3057,
4.4847

136.7385,
142.8989, 153.4698

■ 1.8055, 1.8460,
1.8949

170.5174,
178.2849, 191.6609

■ 0.5210, 0.5156,
0.4895

209.4461,

■ 0.0000, 0.0000,

219.0777, 235.7142

0.0000

253.8898,
265.6617, 286.0481

■ 32.3021, 33.6171,
35.7966

■ 32.3021, 33.6171,
35.7966

■ 29.0122, 29.0467,
28.5040

■ 35.9981, 38.7137,
44.1039

■ 26.1115, 24.9815,
22.1849

■ 40.1105, 44.3482,
53.4605

■ 23.5863, 21.4053,
16.7986

■ 44.6529, 50.5372,
63.9020

■ 21.4210, 18.2996,
12.3008

■ 49.6374, 57.2955,
75.4619

■ 19.5988, 15.6444,
8.6434

■ 55.0756, 64.6370,
88.1719

■ 18.1014, 13.4187,
5.7737

■ 60.9786, 72.5755,
102.0628

■ 16.9091, 11.5993,
3.6332

■ 65.3639, 80.3266,
106.6673

■ 15.9994, 10.1610,
2.1549

■ 68.3074, 86.2137,
107.6485

■ 15.3468, 9.0757,
1.2595

Harmonies

Analogous

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



32.3980, 33.6171, 36.3993



32.3021, 33.6171, 35.7966



32.1125, 33.6171, 35.4132

Triad

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



32.3021, 33.6171, 35.7966



31.5337, 33.6171, 36.1465



32.0235, 33.6171, 37.8895

Complementary

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



32.3021, 33.6171, 35.7966



32.2609, 34.3025, 38.1789

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.



31.7921, 33.6171, 37.8198



32.3021, 33.6171, 35.7966



31.5102, 33.6171, 36.8081

Square

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



32.3021, 33.6171, 35.7966



31.6691, 33.6171, 35.6135



31.6045, 33.6171, 37.4220



32.2367, 33.6171, 37.6113

Rectangle

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



32.3021, 33.6171, 35.7966



31.9589, 33.6171, 35.3308



31.6045, 33.6171, 37.4220



31.9452, 33.6171, 37.9061

Sweetspot

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



32.3030, 33.6186, 35.7973



60.0031, 62.9088, 68.0174



32.4771, 33.4200, 37.5404



13.1682, 13.8087, 14.9364



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.3030, 33.6186, 35.7973



58.0521, 60.2099, 63.6577



32.7264, 34.4653, 35.9385



7.0788, 7.3275, 7.7154



11.7237, 6.6830, 0.6720



0.2352, 0.1707, 0.0206

Inverse Universe

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



32.2609, 34.3025, 38.1789



57.9528, 61.8200, 69.2645



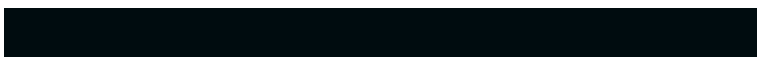
31.8358, 33.4523, 38.0372



7.0651, 7.5504, 8.4917



10.9781, 14.0478, 28.0401



0.2227, 0.3039, 0.5102

Previews

White Background



This preview shows how the XYZ color 32.3021, 33.6171, 35.7966 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 32.3021, 33.6171, 35.7966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

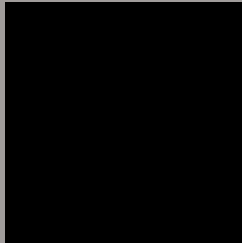
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3021, 33.6171, 35.7966

Background



This preview shows how black text looks on a background with the XYZ color 32.3021, 33.6171, 35.7966.



This preview shows how white text looks on a background with the XYZ color 32.3021, 33.6171,

35.7966.

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

32.3021, 33.6171, 35.7966

Protanopia

32.3021, 33.6171, 35.7966

Deuteranopia

34.2422, 33.6274, 36.1385



Tritanopia

33.3388, 33.5458, 40.7942

Trichromacy



Original Color

32.3021, 33.6171, 35.7966

Protanomaly

32.3021, 33.6171, 35.7966

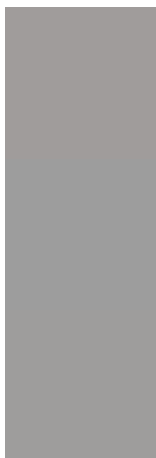
Deuteranomaly

33.5404, 33.5076, 36.1523

Tritanomaly

32.9409, 33.6284, 38.9372

Monochromacy



Original Color

32.3021, 33.6171, 35.7966

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1583, 33.7833, 36.2784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3021, 33.6171, 35.7966 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(160, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 155)  
}
```

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(160, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.3021, 33.6171, 35.7966 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(160, 156, 155) }
```


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

```
.border{ border-color:rgb(160, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3021, 33.6171, 35.7966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 155) }
```

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

```
.background{ background-color: rgb(160,  
156, 155) }
```

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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