

Converting Colors

XYZ(32.7751, 33.2969, 38.8819)

Have a look what the booklet for
XYZ(32.7751, 33.2969, 38.8819)
contains.

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Color

**XYZ(32.7751, 33.2969,
38.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	A19AA2
RGB	161, 154, 162
RGB Percent	63%, 60%, 64%
CMY	0.3686, 0.3961, 0.3647
CMYK	0.01, 0.05, 0.00, 0.36
HSL	292°, 4%, 62%
HSV	292°, 5%, 64%
XYZ	32.7751, 33.2969, 38.8819
YIQ	157.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

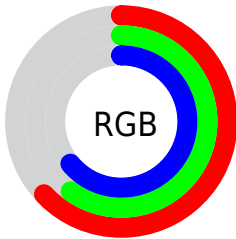
Format	Color
RYB	161, 154, 162
Decimal	10590882
CIELab	64.40, 4.07, -3.27
CIELCh	64, 5.219, 321.195
Yxy	33.2969, 0.3123, 0.3173
Android (android.graphics.Color)	4288780962 (0xFFA19AA2)
YUV	157.0050, 2.4625, 3.5036
Hunter-Lab	57.7035, 0.4055, 0.4415

Details

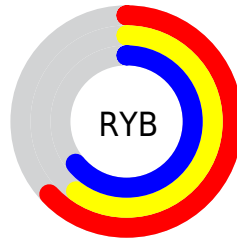
The XYZ color **32.7751, 33.2969, 38.8819** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2719, 35.1432, 35.6560**, and the grayscale version is **32.0396, 33.7082, 36.7082**.

A 20% lighter version of the original color is **63.3992, 64.7204, 74.7964**, and **13.9714, 14.0775, 16.7327** is the 20% darker color. If you saturate the color by 10%, you get **29.8752, 28.0978, 38.0317**, and if you desaturate by 10%, it is **36.0444, 39.2240, 39.8541**.

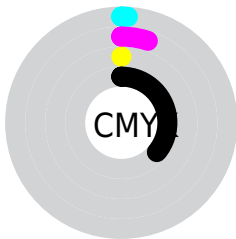
Distribution



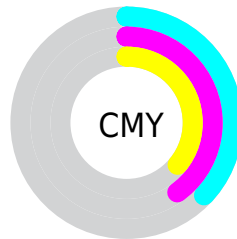
- Red (63%)
- Green (60%)
- Blue (64%)



- Red (63%)
- Yellow (60%)
- Blue (64%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (37%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7751, 33.2969, 38.8819 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 32.7751, 33.2969, 38.8819 by changing the saturation by 10% instead.

■ 32.7751, 33.2969,
38.8819

■ 32.7751, 33.2969,
38.8819

306.3180,
316.9855, 356.7991

■ 22.1126, 22.3540,
26.3607

■ 63.3813, 64.8388,
74.6762

■ 14.0567, 14.1172,
16.8655

■ 84.0557, 86.2065,
98.7865

■ 8.2421, 8.2022,
9.9777

108.7981,
111.8181, 127.5968

■ 4.3034, 4.2246,
5.2788

137.9739,
142.0577, 161.5258

■ 1.8751, 1.8000,
2.3502

171.9485,
177.3099, 200.9920

■ 0.5623, 0.4872,
0.7591

211.0871,

■ 0.0000, 0.0000,

217.9589, 246.4139

0.0000

255.7552,
264.3893, 298.2101

■ 32.7751, 33.2969,
38.8819

■ 32.7751, 33.2969,
38.8819

■ 29.8752, 28.0978,
38.0317

■ 36.0444, 39.2240,
39.8541

■ 27.3274, 23.5936,
37.2966

■ 39.6939, 45.9020,
40.9508

■ 25.1173, 19.7552,
36.6722

■ 43.7372, 53.3579,
42.1768

■ 23.2285, 16.5497,
36.1530

■ 48.1868, 61.6162,
43.5363

■ 21.6431, 13.9412,
35.7331

■ 53.0543, 70.7004,
45.0332

■ 20.3414, 11.8906,
35.4059

■ 58.3509, 80.6329,
46.6712

■ 19.3013, 10.3536,
35.1640

■ 60.0018, 83.2637,
47.0920

■ 18.4975, 9.2797,
34.9991

■ 60.4605, 83.5002,
47.1134

■ 17.8983, 8.6057,
34.9006

■ 60.9262, 83.7402,
47.1352

Harmonies

Analogous

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



32.1675, 33.2969, 40.2083



32.7751, 33.2969, 38.8819



33.0818, 33.2969, 36.8851

Triad

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



32.7751, 33.2969, 38.8819



31.8671, 33.2969, 32.3566



30.3332, 33.2969, 37.7554

Complementary

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



32.7751, 33.2969, 38.8819



32.2719, 35.1432, 35.6560

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.



30.2556, 33.2969, 35.6315



32.7751, 33.2969, 38.8819



31.1336, 33.2969, 32.5691

Square

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



32.7751, 33.2969, 38.8819



32.5522, 33.2969, 33.1562



30.5465, 33.2969, 33.7485



30.7601, 33.2969, 39.5404

Rectangle

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



32.7751, 33.2969, 38.8819



33.0712, 33.2969, 35.4654



30.5465, 33.2969, 33.7485



30.2657, 33.2969, 37.0555

Sweetspot

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



32.7761, 33.2983, 38.8826



61.7456, 64.5049, 71.2525



31.5819, 32.9451, 38.8774



13.8755, 14.5014, 16.0053



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.



32.7761, 33.2983, 38.8826



58.8477, 59.2709, 70.3949



32.7207, 33.2996, 37.5351



7.4681, 7.5009, 8.9573



13.9162, 6.5805, 27.4665



0.3152, 0.1500, 0.5782

Inverse Universe

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



32.3735, 33.1607, 35.7065



57.9512, 58.9648, 63.3014



32.3280, 35.1436, 36.9492



7.3473, 7.4596, 8.0004



11.8495, 6.0958, 1.1319



0.2589, 0.1320, 0.0759

Previews

White Background



This preview shows how the XYZ color 32.7751, 33.2969, 38.8819 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 32.7751, 33.2969, 38.8819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

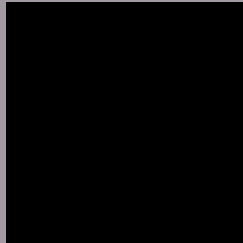
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7751, 33.2969, 38.8819

Background



This preview shows how black text looks on a background with the XYZ color 32.7751, 33.2969, 38.8819.



This preview shows how white text looks on a background with the XYZ color 32.7751, 33.2969,

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

32.7751, 33.2969, 38.8819

Protanopia

32.2368, 33.2551, 39.3701

Deuteranopia

33.8259, 33.1024, 39.2569



Tritanopia

33.1745, 33.2170, 40.7394

Trichromacy



Original Color

32.7751, 33.2969, 38.8819

Protanomaly

32.4328, 33.3561, 39.3793

Deuteranomaly

33.3561, 33.1001, 39.2812

Tritanomaly

33.0831, 33.1805, 40.2581

Monochromacy



Original Color

32.7751, 33.2969, 38.8819

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2470, 33.5492, 37.5769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7751, 33.2969, 38.8819 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(161, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 162)  
}
```

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(161, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.7751, 33.2969, 38.8819 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(161, 154, 162) }
```


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

```
.border{ border-color:rgb(161, 154, 162) }
```

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

Here you see how a box with a 4 pixel rgb(161, 154, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7751, 33.2969, 38.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 162) }
```

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

```
.background{ background-color: rgb(161,  
154, 162) }
```

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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