

Converting Colors

XYZ(32.6233, 34.6990, 38.5348)

Have a look what the booklet for
XYZ(32.6233, 34.6990, 38.5348)
contains.

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Color

**XYZ(32.7141, 34.7827,
38.7077)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9CA0A1 |
| RGB | 156, 160, 161 |
| RGB Percent | 61%, 63%, 63% |
| CMY | 0.3882, 0.3725, 0.3686 |
| CMYK | 0.03, 0.01, 0.00, 0.37 |
| HSL | 192°, 3%, 62% |
| HSV | 192°, 3%, 63% |
| XYZ | 32.7141, 34.7827, 38.7077 |
| YIQ | 158.9180, -2.7050, -0.5370 |

Conversions

Conversions Part 2

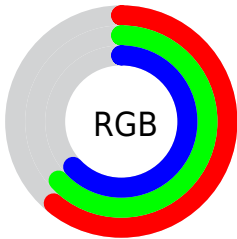
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 156, 158, 161 |
| Decimal | 10264737 |
| CIE Lab | 65.58, -1.23, -1.03 |
| CIE LCh | 66, 1.602, 219.839 |
| Yxy | 34.7827, 0.3080, 0.3275 |
| Android (android.graphics.Color) | 4288454817 (0xFF9CA0A1) |
| YUV | 158.9180, 1.0264, -2.5591 |
| Hunter-Lab | 58.9769, -4.1967, 2.3706 |

Details

The XYZ color **32.7141, 34.7827, 38.7077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7557, 34.0909, 36.3068**, and the grayscale version is **32.9143, 34.6284, 37.7103**.

A 20% lighter version of the original color is **63.2735, 67.2604, 74.6134**, and **14.1088, 15.0663, 16.9163** is the 20% darker color. If you saturate the color by 10%, you get **29.2535, 32.1838, 38.3890**, and if you desaturate by 10%, it is **36.6041, 37.6263, 39.0521**.

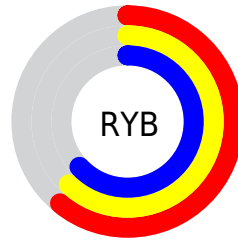
Distribution



Red (61%)

Green (63%)

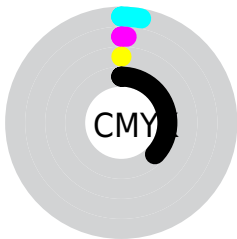
Blue (63%)



Red (61%)

Yellow (62%)

Blue (63%)

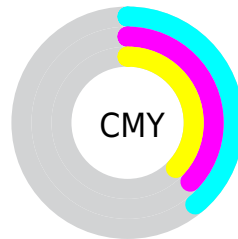


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (39%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7141, 34.7827, 38.7077 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 32.7141, 34.7827, 38.7077 by changing the saturation by 10% instead.

■ 32.7141, 34.7827,
38.7077

■ 32.7141, 34.7827,
38.7077

306.0473,
323.6081, 356.0349

■ 22.0657, 23.4955,
26.2263

■ 63.2866, 67.1490,
74.4070

■ 14.0221, 14.9598,
16.7658

■ 83.9414, 88.9969,
98.4620

■ 8.2178, 8.7912,
9.9074

108.6623,
115.1339, 127.2119

■ 4.2876, 4.6052,
5.2328

137.8149,
145.9443, 161.0754

■ 1.8661, 2.0176,
2.3234

171.7642,
181.8125, 200.4709

■ 0.5570, 0.6176,
0.7443

210.8759,

■ 0.0000, 0.0000,

223.1230, 245.8169

0.0000

255.5151,
270.2601, 297.5321

■ 32.7141, 34.7827,
38.7077

■ 32.7141, 34.7827,
38.7077

■ 29.2535, 32.1838,
38.3890

■ 36.6041, 37.6263,
39.0521

■ 26.2031, 29.8165,
38.0928

■ 40.9357, 40.7181,
39.4205

■ 23.5465, 27.6733,
37.8192

■ 45.7247, 44.0673,
39.8146

■ 21.2652, 25.7445,
37.5671

■ 50.9848, 47.6812,
40.2349

■ 19.3392, 24.0195,
37.3357

■ 56.7294, 51.5669,
40.6822

■ 17.7464, 22.4869,
37.1238

■ 62.9712, 55.7310,
41.1569

■ 16.4622, 21.1337,
36.9303

■ 64.5005, 57.4880,
41.4155

■ 15.4586, 19.9454,
36.7538

■ 65.1681, 58.8231,
41.6380

■ 14.7022, 18.9045,
36.5928

■ 65.8508, 60.1887,
41.8656

Harmonies

Analogous

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



32.6166, 34.7827, 38.0940



32.7141, 34.7827, 38.7077



32.9044, 34.7827, 39.1005

Triad

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



32.7141, 34.7827, 38.7077



33.4860, 34.7827, 38.3203



32.9827, 34.7827, 36.6114

Complementary

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



32.7141, 34.7827, 38.7077



32.7557, 34.0909, 36.3068

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.



33.2159, 34.7827, 36.6704



32.7141, 34.7827, 38.7077



33.5072, 34.7827, 37.6517

Square

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



32.7141, 34.7827, 38.7077



33.3503, 34.7827, 38.8750



33.4082, 34.7827, 37.0493



32.7712, 34.7827, 36.8873

Rectangle

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



32.7141, 34.7827, 38.7077



33.0586, 34.7827, 39.1816



33.4082, 34.7827, 37.0493



33.0612, 34.7827, 36.5928

Sweetspot

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



32.7151, 34.7842, 38.7085



59.9784, 63.3206, 69.4474



32.5344, 34.9897, 36.9004



13.1630, 13.8937, 15.2316



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.



32.7151, 34.7842, 38.7085



57.9550, 61.8244, 69.2653



32.2997, 33.9535, 38.5700



7.5371, 8.0557, 9.0607



11.4244, 14.6283, 29.1512



0.2689, 0.3651, 0.6222

Inverse Universe

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



32.9323, 33.8927, 38.0656



58.4633, 59.7463, 67.7594



33.1691, 34.9177, 36.4446



7.6126, 7.7477, 8.8368



14.9120, 7.3209, 17.2591



0.3279, 0.1597, 0.4394

Previews

White Background



This preview shows how the XYZ color 32.7141, 34.7827, 38.7077 looks on a white background.

Color Contrast Check

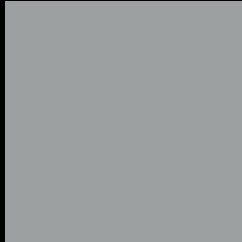
Large Text (above 18pt) WCAG AA × Fail

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 32.7141, 34.7827, 38.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

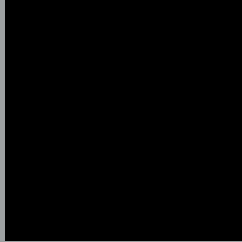
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

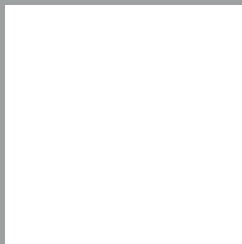
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7141, 34.7827, 38.7077

Background



This preview shows how black text looks on a background with the XYZ color 32.7141, 34.7827, 38.7077.

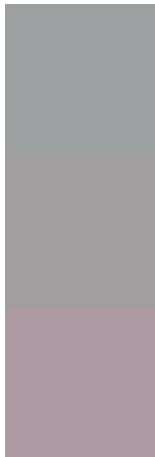


This preview shows how white text looks on a background with the XYZ color 32.7141, 34.7827,

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

32.7141, 34.7827, 38.7077

Protanopia

33.4723, 34.6732, 38.1861

Deuteranopia

35.3108, 34.6041, 39.0006



Tritanopia

33.6781, 34.6631, 43.4437

Trichromacy



Original Color

32.7141, 34.7827, 38.7077

Protanomaly

33.2405, 34.8079, 38.2243

Deuteranomaly

34.3464, 34.6011, 39.0508

Tritanomaly

33.2778, 34.7544, 41.5136

Monochromacy



Original Color

32.7141, 34.7827, 38.7077

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8439, 34.6034, 38.2058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7141, 34.7827, 38.7077 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(156, 160, 161) looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 161)  
}
```

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(156, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 161) }
```

Border

The CSS property to change the border of an element to XYZ 32.7141, 34.7827, 38.7077 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(156, 160, 161) }
```


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

```
.border{ border-color:rgb(156, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 160,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7141, 34.7827, 38.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 161) }
```

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

```
.background{ background-color: rgb(156,  
160, 161) }
```

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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