

Converting Colors

XYZ(32.6818, 33.5910, 36.7717)

Have a look what the booklet for
XYZ(32.6818, 33.5910, 36.7717)
contains.

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Color

**XYZ(32.7074, 33.5584,
36.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	A29B9D
RGB	162, 155, 157
RGB Percent	64%, 61%, 62%
CMY	0.3647, 0.3921, 0.3843
CMYK	0.00, 0.04, 0.03, 0.36
HSL	343°, 4%, 62%
HSV	343°, 4%, 64%
XYZ	32.7074, 33.5584, 36.6518
YIQ	157.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

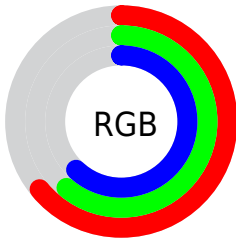
Format	Color
RYB	162, 155, 157
Decimal	10656669
CIELab	64.61, 2.92, -0.14
CIELCh	65, 2.924, 357.209
Yxy	33.5584, 0.3178, 0.3261
Android (android.graphics.Color)	4288846749 (0xFFA29B9D)
YUV	157.3210, -0.1583, 4.1035
Hunter-Lab	57.9296, -0.5947, 3.0382

Details

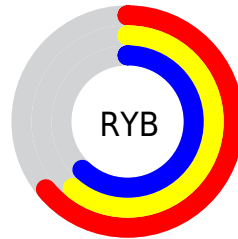
The XYZ color **32.7074, 33.5584, 36.6518** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7843, 35.3481, 38.3544**, and the grayscale version is **32.1927, 33.8693, 36.8836**.

A 20% lighter version of the original color is **63.2994, 65.1061, 71.5179**, and **13.9822, 14.2562, 15.6505** is the 20% darker color. If you saturate the color by 10%, you get **29.2484, 28.1474, 30.8515**, and if you desaturate by 10%, it is **36.6237, 39.7332, 43.0674**.

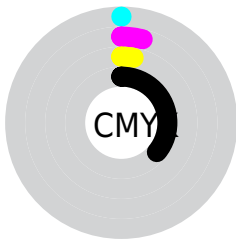
Distribution



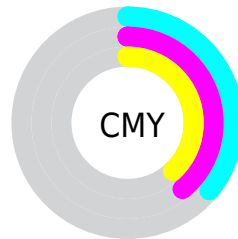
- Red (64%)
- Green (61%)
- Blue (62%)



- Red (64%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7074, 33.5584, 36.6518 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 32.7074, 33.5584, 36.6518 by changing the saturation by 10% instead.

■ 32.7074, 33.5584,
36.6518

■ 32.7074, 33.5584,
36.6518

306.0176,
318.1585, 346.9237

■ 22.0605, 22.5546,
24.6443

■ 63.2762, 65.2464,
71.2173

■ 14.0182, 14.2649,
15.5957

■ 83.9288, 86.6993,
94.6123

■ 8.2151, 8.3052,
9.0873

108.6474,
112.4040, 122.6404

■ 4.2859, 4.2908,
4.7005

137.7974,
142.7449, 155.7199

■ 1.8651, 1.8375,
2.0170

171.7440,
178.1064, 194.2694

■ 0.5564, 0.5104,
0.5657

210.8527,

■ 0.0000, 0.0000,

218.8729, 238.7076

0.0000

255.4887,
265.4288, 289.4528

■ 32.7074, 33.5584,
36.6518

■ 32.7074, 33.5584,
36.6518

■ 29.2484, 28.1474,
30.8515

■ 36.6237, 39.7332,
43.0674

■ 26.2269, 23.4663,
25.6460

■ 41.0105, 46.6954,
50.1138

■ 23.6259, 19.4849,
21.0166

■ 45.8839, 54.4731,
57.8085

■ 21.4263, 16.1692,
16.9429

■ 51.2584, 63.0916,
66.1678

■ 19.6073, 13.4826,
13.4033

■ 57.1478, 72.5752,
75.2073

■ 18.1462, 11.3848,
10.3747

■ 63.5657, 82.9470,
84.9423

■ 17.0178, 9.8307,
7.8320

■ 66.0982, 85.3766,
93.9117

■ 16.1933, 8.7687,
5.7480

■ 67.8549, 86.0792,
103.1621

■ 15.6387, 8.1366,
4.0920

■ 68.7104, 86.4215,
107.6673

Harmonies

Analogous

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



32.5781, 33.5584, 37.8028



32.7074, 33.5584, 36.6518



32.6178, 33.5584, 35.4949

Triad

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



32.7074, 33.5584, 36.6518



31.5294, 33.5584, 34.5264



31.4621, 33.5584, 38.5128

Complementary

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



32.7074, 33.5584, 36.6518



32.7843, 35.3481, 38.3544

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.



31.1854, 33.5584, 37.6041



32.7074, 33.5584, 36.6518



31.2240, 33.5584, 35.3045

Square

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



32.7074, 33.5584, 36.6518



31.9355, 33.5584, 34.2838



31.0986, 33.5584, 36.4272



31.8571, 33.5584, 38.8918

Rectangle

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



32.7074, 33.5584, 36.6518



32.4465, 33.5584, 34.8729



31.0986, 33.5584, 36.4272



31.3523, 33.5584, 38.2582

Sweetspot

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



32.7084, 33.5599, 36.6525



61.6322, 64.4683, 70.2579



32.7212, 33.5162, 38.9274



13.8514, 14.4936, 15.7946



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.



32.7084, 33.5599, 36.6525



58.8626, 60.1137, 65.6828



32.7734, 33.9607, 35.8399



7.4570, 7.5939, 8.2995



12.1476, 6.2151, 2.7019



0.2746, 0.1383, 0.1585

Inverse Universe

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



32.7084, 33.5599, 36.6525



58.8626, 60.1137, 65.6828



32.7153, 34.9283, 39.2003



7.4570, 7.5939, 8.2995



12.1476, 6.2151, 2.7019



0.2746, 0.1383, 0.1585

Previews

White Background



This preview shows how the XYZ color 32.7074, 33.5584, 36.6518 looks on a white background.

Color Contrast Check

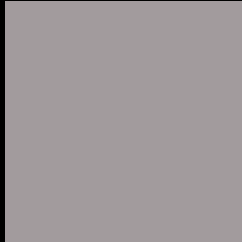
Large Text (above 18pt) WCAG AA × Fail

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 32.7074, 33.5584, 36.6518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

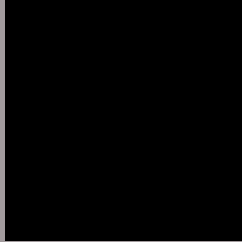
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7074, 33.5584, 36.6518

Background



This preview shows how black text looks on a background with the XYZ color 32.7074, 33.5584, 36.6518.



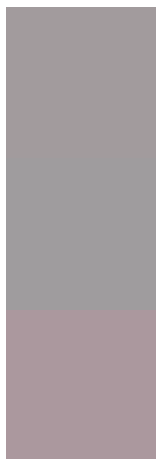
This preview shows how white text looks on a background with the XYZ color 32.7074, 33.5584,

36.6518.

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

32.7074, 33.5584, 36.6518

Protanopia

32.3581, 33.6165, 37.1309

Deuteranopia

34.1944, 33.5830, 37.0277



Tritanopia

33.5428, 33.6509, 40.8038

Trichromacy



Original Color

32.7074, 33.5584, 36.6518

Protanomaly

32.5572, 33.7191, 37.1402

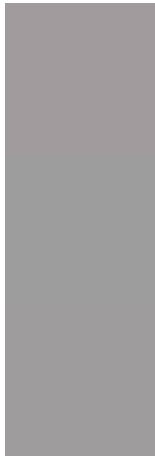
Deuteranomaly

33.7112, 33.5759, 37.0518

Tritanomaly

33.2707, 33.5421, 39.3710

Monochromacy



Original Color

32.7074, 33.5584, 36.6518

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2723, 33.5822, 36.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7074, 33.5584, 36.6518 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(162, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(162, 155, 157)  
}
```

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(162, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.7074, 33.5584, 36.6518 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(162, 155, 157) }
```


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

```
.border{ border-color:rgb(162, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(162, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7074, 33.5584, 36.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 155, 157) }
```

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

```
.background{ background-color: rgb(162,  
155, 157) }
```

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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