

Converting Colors

XYZ(32.5586, 37.4083, 35.4910)

Have a look what the booklet for
XYZ(32.5586, 37.4083, 35.4910)
contains.

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Color

**XYZ(32.7022, 37.5334,
35.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	96AA99
RGB	150, 170, 153
RGB Percent	59%, 67%, 60%
CMY	0.4118, 0.3333, 0.4000
CMYK	0.12, 0.00, 0.10, 0.33
HSL	129°, 11%, 63%
HSV	129°, 12%, 67%
XYZ	32.7022, 37.5334, 35.6581
YIQ	162.0820, -6.4630, -9.5270

Conversions

Conversions Part 2

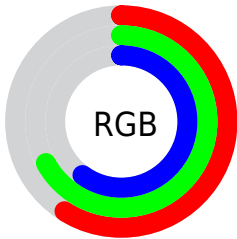
Format	Color
RYB	150, 167, 170
Decimal	9874073
CIELab	67.68, -10.31, 6.41
CIElCh	68, 12.139, 148.122
Yxy	37.5334, 0.3088, 0.3544
Android (android.graphics.Color)	4288064153 (0xFF96AA99)
YUV	162.0820, -4.4774, -10.5959
Hunter-Lab	61.2645, -11.9319, 8.3763

Details

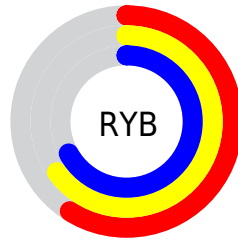
The XYZ color **32.7022, 37.5334, 35.6581** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4603, 33.1497, 41.1433**, and the grayscale version is **34.4044, 36.1961, 39.4176**.

A 20% lighter version of the original color is **63.0895, 71.1928, 69.4479**, and **14.0223, 16.5688, 15.0294** is the 20% darker color. If you saturate the color by 10%, you get **28.6759, 35.5885, 29.6123**, and if you desaturate by 10%, it is **37.3291, 39.7733, 42.4882**.

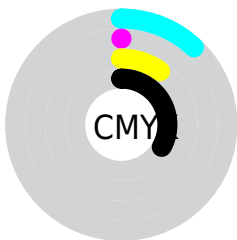
Distribution



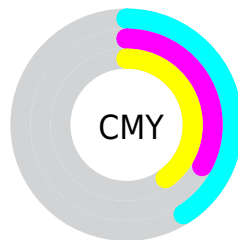
- Red (59%)
- Green (67%)
- Blue (60%)



- Red (59%)
- Yellow (65%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7022, 37.5334, 35.6581 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 32.7022, 37.5334, 35.6581 by changing the saturation by 10% instead.

■ 32.7022, 37.5334,
35.6581

■ 32.7022, 37.5334,
35.6581

305.9945,
335.6141, 342.4558

■ 22.0565, 25.6207,
23.8827

■ 63.2681, 71.3924,
69.6671

■ 14.0153, 16.5401,
15.0352

■ 83.9191, 94.1075,
92.7378

■ 8.2131, 9.9072,
8.6972

108.6359,
121.1923, 120.4106

■ 4.2845, 5.3374,
4.4501

137.7838,
153.0311, 153.1041

■ 1.8643, 2.4466,
1.8754

171.7283,
190.0082, 191.2368

■ 0.5560, 0.8497,
0.4770

210.8347,

■ 0.0000, 0.0000,

232.5082, 235.2273

0.0000

255.4683,
280.9154, 285.4941

■ 32.7022, 37.5334,
35.6581

■ 32.7022, 37.5334,
35.6581

■ 28.6759, 35.5885,
29.6123

■ 37.3291, 39.7733,
42.4882

■ 25.2224, 33.9217,
24.3202

■ 42.5765, 42.3149,
50.1267

■ 22.3165, 32.5217,
19.7532

■ 48.4675, 45.1704,
58.5997

■ 19.9297, 31.3746,
15.8795

■ 55.0230, 48.3500,
67.9314

■ 18.0312, 30.4650,
12.6653

■ 62.2627, 51.8637,
78.1451

■ 16.5865, 29.7761,
10.0736

■ 70.2059, 55.7207,
89.2631

■ 15.5569, 29.2887,
8.0642

■ 73.5297, 57.1766,
101.0570

■ 14.8967, 28.9803,
6.5918

■ 73.6654, 57.2309,
101.7718

■ 14.5563, 28.8233,
5.7444

Harmonies

Analogous

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



34.0033, 37.5334, 32.4279



32.7022, 37.5334, 35.6581



32.1940, 37.5334, 40.5304

Triad

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



32.7022, 37.5334, 35.6581



35.5565, 37.5334, 52.0692



38.9464, 37.5334, 36.1953

Complementary

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



32.7022, 37.5334, 35.6581



34.4603, 33.1497, 41.1433

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.



39.3969, 37.5334, 41.2064



32.7022, 37.5334, 35.6581



37.3993, 37.5334, 50.6574

Square

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



32.7022, 37.5334, 35.6581



33.8057, 37.5334, 50.2684



38.8214, 37.5334, 46.5610



37.6106, 37.5334, 32.7184

Rectangle

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



32.7022, 37.5334, 35.6581



32.3594, 37.5334, 44.1610



38.8214, 37.5334, 46.5610



39.2084, 37.5334, 37.7420

Sweetspot

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



32.7032, 37.5350, 35.6589



65.6919, 71.1762, 74.1001



35.8882, 39.2052, 34.5305



14.5071, 15.8036, 16.3150



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.7032, 37.5350, 35.6589



57.4160, 67.1727, 61.8361



33.5346, 37.8676, 40.0370



7.4809, 8.4254, 8.2526



10.7208, 21.2071, 4.2967



0.2740, 0.5212, 0.1740

Inverse Universe

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



34.4603, 33.1497, 41.1433



61.2128, 57.6962, 73.6865



33.5994, 32.8054, 36.6099



7.7928, 7.6470, 9.2262



15.9423, 7.7856, 20.3055



0.4006, 0.1945, 0.5608

Previews

White Background



This preview shows how the XYZ color 32.7022, 37.5334, 35.6581 looks on a white background.

Color Contrast Check

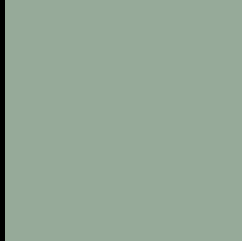
Large Text (above 18pt) WCAG AA × Fail

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 32.7022, 37.5334, 35.6581 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

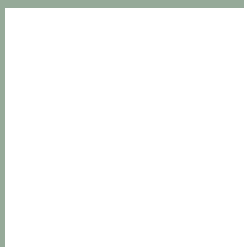
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7022, 37.5334, 35.6581

Background



This preview shows how black text looks on a background with the XYZ color 32.7022, 37.5334, 35.6581.



This preview shows how white text looks on a background with the XYZ color 32.7022, 37.5334,

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

32.7022, 37.5334, 35.6581

Protanopia

35.5751, 37.4109, 34.2002

Deuteranopia

38.0817, 37.3532, 36.2131



Tritanopia

35.0993, 37.3971, 48.0163

Trichromacy



Original Color

32.7022, 37.5334, 35.6581

Protanomaly

34.3264, 37.2933, 34.6673

Deuteranomaly

35.9432, 37.2981, 35.8767

Tritanomaly

34.2113, 37.3120, 43.4290

Monochromacy



Original Color

32.7022, 37.5334, 35.6581

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.8137, 36.6826, 38.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7022, 37.5334, 35.6581 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(150, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(150, 170, 153)  
}
```

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(150, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 170, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.7022, 37.5334, 35.6581 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(150, 170, 153) }
```


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

```
.border{ border-color:rgb(150, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(150, 170,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7022, 37.5334, 35.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 170, 153) }
```

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

```
.background{ background-color: rgb(150,  
170, 153) }
```

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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