

Converting Colors

XYZ(32.8061, 36.3742, 37.6552)

Have a look what the booklet for
XYZ(32.8061, 36.3742, 37.6552)
contains.

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Color

**XYZ(32.7567, 36.4165,
37.6504)**

Conversions

Conversions Part 1

Format	Color
Hex	98A69E
RGB	152, 166, 158
RGB Percent	60%, 65%, 62%
CMY	0.4039, 0.3490, 0.3804
CMYK	0.08, 0.00, 0.05, 0.35
HSL	146°, 7%, 62%
HSV	146°, 8%, 65%
XYZ	32.7567, 36.4165, 37.6504
YIQ	160.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

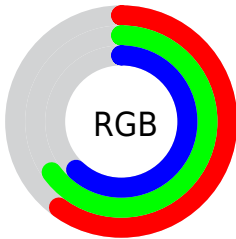
Format	Color
RYB	152, 162, 166
Decimal	10004126
CIELab	66.84, -6.50, 2.44
CIELCh	67, 6.944, 159.393
Yxy	36.4165, 0.3066, 0.3409
Android (android.graphics.Color)	4288194206 (0xFF98A69E)
YUV	160.9020, -1.4307, -7.8071
Hunter-Lab	60.3461, -8.7133, 5.2508

Details

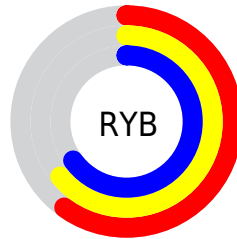
The XYZ color **32.7567, 36.4165, 37.6504** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3006, 33.1025, 37.8938**, and the grayscale version is **33.8400, 35.6023, 38.7709**.

A 20% lighter version of the original color is **63.3203, 69.6388, 73.0551**, and **14.0380, 15.8629, 16.2319** is the 20% darker color. If you saturate the color by 10%, you get **29.0793, 34.6125, 33.3790**, and if you desaturate by 10%, it is **36.9341, 38.4730, 42.2758**.

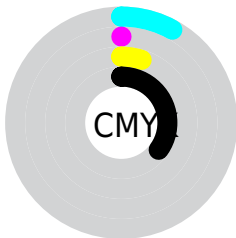
Distribution



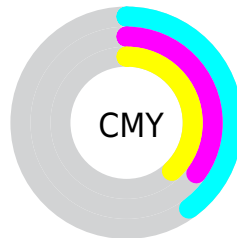
- Red (60%)
- Green (65%)
- Blue (62%)



- Red (60%)
- Yellow (64%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7567, 36.4165, 37.6504 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 32.7567, 36.4165, 37.6504 by changing the saturation by 10% instead.

■ 32.7567, 36.4165,
37.6504

■ 32.7567, 36.4165,
37.6504

306.2364,
330.7773, 351.3710

■ 22.0985, 24.7560,
25.4117

■ 63.3527, 69.6744,
72.7694

■ 14.0463, 15.8954,
16.1623

■ 84.0212, 92.0407,
96.4869

■ 8.2348, 9.4502,
9.4835

108.7572,
118.7444, 124.8677

■ 4.2986, 5.0359,
4.9568

137.9260,
150.1698, 158.3304

■ 1.8724, 2.2684,
2.1636

171.8929,
186.7014, 197.2936

■ 0.5607, 0.7569,
0.6533

211.0234,

■ 0.0000, 0.0000,

228.7236, 242.1757

0.0000

255.6828,
276.6208, 293.3953

■ 32.7567, 36.4165,
37.6504

■ 32.7567, 36.4165,
37.6504

■ 29.0793, 34.6125,
33.3790

■ 36.9341, 38.4730,
42.2758

■ 25.8795, 33.0466,
29.4510

■ 41.6267, 40.7867,
47.2610

■ 23.1375, 31.7097,
25.8585

■ 46.8529, 43.3678,
52.6143

■ 20.8313, 30.5907,
22.5926

■ 52.6291, 46.2247,
58.3433

■ 18.9365, 29.6772,
19.6439

■ 58.9713, 49.3655,
64.4552

■ 17.4265, 28.9557,
17.0025

■ 65.8945, 52.7978,
70.9573

■ 16.2714, 28.4109,
14.6579

■ 68.3874, 53.9381,
77.6210

■ 15.4363, 28.0251,
12.5991

■ 69.7137, 54.4686,
84.6052

■ 14.8594, 27.7666,
10.8131

■ 71.1130, 55.0283,
91.9738

Harmonies

Analogous

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



33.3469, 36.4165, 35.3475



32.7567, 36.4165, 37.6504



32.6583, 36.4165, 40.6028

Triad

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



32.7567, 36.4165, 37.6504



34.9434, 36.4165, 45.6356



36.1971, 36.4165, 36.0929

Complementary

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



32.7567, 36.4165, 37.6504



33.3006, 33.1025, 37.8938

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.



36.6437, 36.4165, 38.7149



32.7567, 36.4165, 37.6504



35.9103, 36.4165, 44.2912

Square

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



32.7567, 36.4165, 37.6504



33.9069, 36.4165, 45.3152



36.5377, 36.4165, 41.7220



35.3284, 36.4165, 34.4804

Rectangle

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



32.7567, 36.4165, 37.6504



32.8829, 36.4165, 42.5583



36.5377, 36.4165, 41.7220



36.4023, 36.4165, 36.8799

Sweetspot

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



32.7577, 36.4180, 37.6512



63.4119, 68.0407, 72.7643



33.8356, 37.0320, 35.0708



14.0564, 15.1603, 16.1349



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.7577, 36.4180, 37.6512



58.2162, 65.4861, 66.9268



33.3628, 36.6601, 40.8373



7.5652, 8.4591, 8.6964



11.4819, 21.5115, 8.3046



0.3052, 0.5337, 0.3379

Inverse Universe

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



33.3006, 33.1025, 37.8938



59.3920, 58.3049, 67.4520



32.7188, 32.8698, 34.8299



7.7040, 7.6115, 8.7584



13.8156, 6.9349, 9.1063



0.3610, 0.1787, 0.3524

Previews

White Background



This preview shows how the XYZ color 32.7567, 36.4165, 37.6504 looks on a white background.

Color Contrast Check

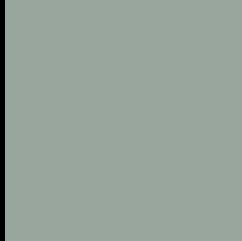
Large Text (above 18pt) WCAG AA × Fail

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 32.7567, 36.4165, 37.6504 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

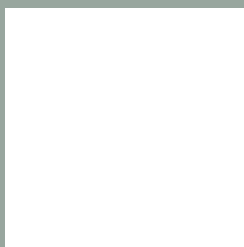
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7567, 36.4165, 37.6504

Background



This preview shows how black text looks on a background with the XYZ color 32.7567, 36.4165, 37.6504.



This preview shows how white text looks on a background with the XYZ color 32.7567, 36.4165,

37.6504.

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

32.7567, 36.4165, 37.6504

Protanopia

34.8574, 36.4565, 36.6521

Deuteranopia

36.9925, 36.2357, 38.3022



Tritanopia

34.4512, 36.2975, 46.2646

Trichromacy



Original Color

32.7567, 36.4165, 37.6504

Protanomaly

34.0833, 36.3101, 37.1105

Deuteranomaly

35.1910, 36.0798, 37.9102

Tritanomaly

33.7633, 36.2855, 42.7604

Monochromacy



Original Color

32.7567, 36.4165, 37.6504

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.5429, 36.0016, 38.4388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7567, 36.4165, 37.6504 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(152, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 158)  
}
```

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(152, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.7567, 36.4165, 37.6504 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(152, 166, 158) }
```


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

```
.border{ border-color:rgb(152, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7567, 36.4165, 37.6504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 158) }
```

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

```
.background{ background-color: rgb(152,  
166, 158) }
```

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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