

Converting Colors

XYZ(31.9881, 35.5006, 35.5655)

Have a look what the booklet for
XYZ(31.9881, 35.5006, 35.5655)
contains.

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Color

**XYZ(32.0571, 35.5594,
35.7459)**

Conversions

Conversions Part 1

Format	Color
Hex	98A49A
RGB	152, 164, 154
RGB Percent	60%, 64%, 60%
CMY	0.4039, 0.3568, 0.3961
CMYK	0.07, 0.00, 0.06, 0.36
HSL	130°, 6%, 62%
HSV	130°, 7%, 64%
XYZ	32.0571, 35.5594, 35.7459
YIQ	159.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

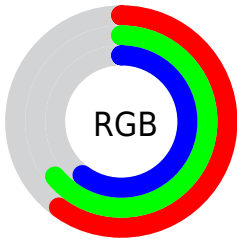
Format	Color
RYB	152, 162, 164
Decimal	10003610
CIELab	66.18, -6.19, 3.72
CIELCh	66, 7.223, 148.977
Yxy	35.5594, 0.3101, 0.3440
Android (android.graphics.Color)	4288193690 (0xFF98A49A)
YUV	159.2720, -2.5991, -6.3775
Hunter-Lab	59.6317, -8.3966, 6.2011

Details

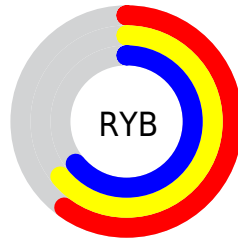
The XYZ color **32.0571, 35.5594, 35.7459** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0610, 32.9586, 38.8033**, and the grayscale version is **33.0928, 34.8162, 37.9148**.

A 20% lighter version of the original color is **62.1703, 68.3389, 69.5885**, and **13.6092, 15.3343, 15.0745** is the 20% darker color. If you saturate the color by 10%, you get **28.1230, 33.6565, 29.9542**, and if you desaturate by 10%, it is **36.5473, 37.7361, 42.2418**.

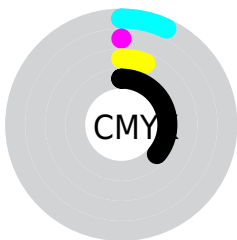
Distribution



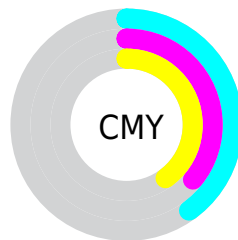
- Red (60%)
- Green (64%)
- Blue (60%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0571, 35.5594, 35.7459 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 32.0571, 35.5594, 35.7459 by changing the saturation by 10% instead.

■ 32.0571, 35.5594,
35.7459

■ 32.0571, 35.5594,
35.7459

303.1199,
327.0306, 342.8523

■ 21.5609, 24.0941,
23.9499

■ 62.2652, 68.3515,
69.8043

■ 13.6494, 15.4034,
15.0846

■ 82.7078, 90.4470,
92.9038

■ 7.9573, 9.1030,
8.7315

107.1965,
116.8548, 120.6081

■ 4.1192, 4.8084,
4.4720

136.0967,
147.9592, 153.3359

■ 1.7698, 2.1353,
1.8877

169.7738,
184.1446, 191.5057

■ 0.4994, 0.6844,
0.4849

208.5932,

■ 0.0000, 0.0000,

225.7953, 235.5360

0.0000

252.9201,
273.2959, 285.8454

■ 32.0571, 35.5594,
35.7459

■ 32.0571, 35.5594,
35.7459

■ 28.1230, 33.6565,
29.9542

■ 36.5473, 37.7361,
42.2418

■ 24.7205, 32.0120,
24.8408

■ 41.6110, 40.1920,
49.4619

■ 21.8273, 30.6162,
20.3814

■ 47.2687, 42.9381,
57.4286

■ 19.4188, 29.4569,
16.5498

■ 53.5389, 45.9837,
66.1625

■ 17.4681, 28.5208,
13.3176

■ 60.4392, 49.3373,
75.6833

■ 15.9456, 27.7933,
10.6544

■ 67.9865, 53.0074,
86.0101

■ 14.8183, 27.2581,
8.5272

■ 71.7204, 54.6940,
96.9518

■ 14.0483, 26.8964,
6.8996

■ 72.5661, 55.0323,
101.4054

■ 13.5784, 26.6795,
5.7299

Harmonies

Analogous

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



32.8063, 35.5594, 33.7657



32.0571, 35.5594, 35.7459



31.7728, 35.5594, 38.6126

Triad

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



32.0571, 35.5594, 35.7459



33.7613, 35.5594, 44.9454



35.6393, 35.5594, 35.9197

Complementary

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



32.0571, 35.5594, 35.7459



33.0610, 32.9586, 38.8033

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.



35.9078, 35.5594, 38.8239



32.0571, 35.5594, 35.7459



34.8097, 35.5594, 44.1326

Square

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



32.0571, 35.5594, 35.7459



32.7437, 35.5594, 44.0174



35.6011, 35.5594, 41.8507



34.8750, 35.5594, 33.8622

Rectangle

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



32.0571, 35.5594, 35.7459



31.8804, 35.5594, 40.6758



35.6011, 35.5594, 41.8507



35.7913, 35.5594, 36.8243

Sweetspot

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



32.0581, 35.5609, 35.7467



62.3632, 66.5683, 70.9471



33.8854, 36.5220, 34.9698



13.6549, 14.5634, 15.5409



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.



32.0581, 35.5609, 35.7467



56.7913, 63.8696, 62.8422



32.5532, 35.7590, 38.3538



7.0315, 7.9134, 7.7776



10.3461, 20.4248, 4.2733



0.2302, 0.4343, 0.1571

Inverse Universe

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



33.0610, 32.9586, 38.8033



59.0439, 58.0241, 69.7077



32.5569, 32.7569, 36.1491



7.3134, 7.1818, 8.6368



15.1980, 7.4353, 18.7652



0.3320, 0.1613, 0.4609

Previews

White Background



This preview shows how the XYZ color 32.0571, 35.5594, 35.7459 looks on a white background.

Color Contrast Check

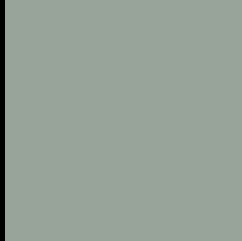
Large Text (above 18pt) WCAG AA × Fail

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 32.0571, 35.5594, 35.7459 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

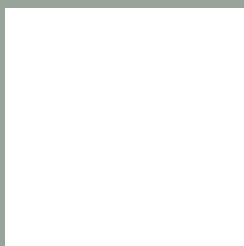
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0571, 35.5594, 35.7459

Background



This preview shows how black text looks on a background with the XYZ color 32.0571, 35.5594, 35.7459.



This preview shows how white text looks on a background with the XYZ color 32.0571, 35.5594,

35.7459.

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

32.0571, 35.5594, 35.7459

Protanopia

33.9642, 35.5156, 34.7709

Deuteranopia

36.0822, 35.3080, 36.3659



Tritanopia

33.9024, 35.5143, 45.1125

Trichromacy



Original Color

32.0571, 35.5594, 35.7459

Protanomaly

33.1926, 35.3667, 35.2140

Deuteranomaly

34.5054, 35.2553, 35.9967

Tritanomaly

33.2218, 35.5007, 41.6606

Monochromacy



Original Color

32.0571, 35.5594, 35.7459

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.5410, 34.9920, 36.9373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0571, 35.5594, 35.7459 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, 164, 154) looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 154)  
}
```

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, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.0571, 35.5594, 35.7459 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, 164, 154) }
```


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

```
.border{ border-color:rgb(152, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0571, 35.5594, 35.7459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 154) }
```

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

```
.background{ background-color: rgb(152,  
164, 154) }
```

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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