

Converting Colors

XYZ(34.8169, 35.7485, 33.9506)

Have a look what the booklet for
XYZ(34.8169, 35.7485, 33.9506)
contains.

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Color

**XYZ(34.6977, 35.6562,
33.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9F96
RGB	171, 159, 150
RGB Percent	67%, 62%, 59%
CMY	0.3294, 0.3765, 0.4118
CMYK	0.00, 0.07, 0.12, 0.33
HSL	26°, 11%, 63%
HSV	26°, 12%, 67%
XYZ	34.6977, 35.6562, 33.9077
YIQ	161.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

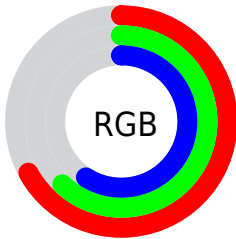
Format	Color
RYB	171, 166, 150
Decimal	11247510
CIELab	66.26, 2.79, 6.26
CIELCh	66, 6.853, 65.940
Yxy	35.6562, 0.3328, 0.3420
Android (android.graphics.Color)	4289437590 (0xFFAB9F96)
YUV	161.5620, -5.7001, 8.2771
Hunter-Lab	59.7128, -0.7753, 8.1314

Details

The XYZ color **34.6977, 35.6562, 33.9077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8485, 35.2641, 43.6037**, and the grayscale version is **34.1612, 35.9402, 39.1389**.

A 20% lighter version of the original color is **66.3097, 68.6215, 66.8771**, and **15.2224, 15.5479, 14.0031** is the 20% darker color. If you saturate the color by 10%, you get **31.8063, 31.9182, 26.6390**, and if you desaturate by 10%, it is **37.9249, 39.7433, 42.2806**.

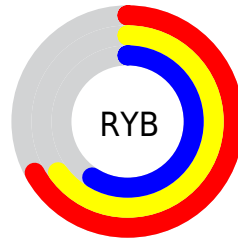
Distribution



Red (67%)

Green (62%)

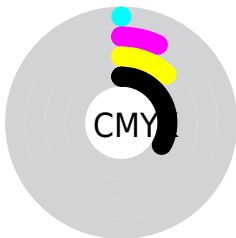
Blue (59%)



Red (67%)

Yellow (65%)

Blue (59%)

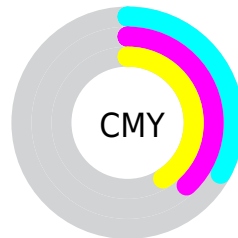


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6977, 35.6562, 33.9077 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 34.6977, 35.6562, 33.9077 by changing the saturation by 10% instead.


 34.6977, 35.6562,
33.9077


 34.6977, 35.6562,
33.9077


314.7634,
327.4554, 334.4769

 23.5955, 24.1688,
22.5459


 66.3543, 68.5011,
66.9224

 15.1570, 15.4589,
14.0564


 87.6394, 90.6274,
89.4123

 9.0167, 9.1421,
8.0207


113.0496,
117.0687, 116.4488

 4.8092, 4.8340,
4.0203

142.9502,
148.2095, 148.4502

 2.1694, 2.1502,
1.6365

177.7065,
184.4342, 185.8352

 0.7265, 0.6926,
0.3166

217.6839,

 0.0000, 0.0000,

226.1271, 229.0223

0.0000

263.2478,
273.6727, 278.4300

■ 34.6977, 35.6562,
33.9077

■ 34.6977, 35.6562,
33.9077

■ 31.8063, 31.9182,
26.6390

■ 37.9249, 39.7433,
42.2806

■ 29.2359, 28.5151,
20.4254

■ 41.4959, 44.1839,
51.7993

■ 26.9751, 25.4382,
15.2179

■ 45.4224, 48.9884,
62.5060

■ 25.0105, 22.6771,
10.9622

■ 49.7143, 54.1652,
74.4401

■ 23.3277, 20.2205,
7.5990

■ 54.3814, 59.7226,
87.6390

■ 21.9108, 18.0563,
5.0623

■ 59.4329, 65.6684,
102.1388

■ 20.7419, 16.1713,
3.2767

■ 62.4192, 71.0269,
105.0275

■ 19.8003, 14.5509,
2.1526

■ 65.1734, 76.5353,
105.9455

■ 19.1979, 13.4644,
1.5871

■ 68.0817, 82.3519,
106.9150

Harmonies

Analogous

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



35.5063, 35.6562, 35.6129



34.6977, 35.6562, 33.9077



33.6872, 35.6562, 33.4902

Triad

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



34.6977, 35.6562, 33.9077



31.9728, 35.6562, 39.4089



35.0567, 35.6562, 43.5610

Complementary

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



34.6977, 35.6562, 33.9077



32.8485, 35.2641, 43.6037

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.



34.0939, 35.6562, 44.6950



34.6977, 35.6562, 33.9077



32.3238, 35.6562, 42.2215

Square

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



34.6977, 35.6562, 33.9077



32.1271, 35.6562, 36.5738



33.0952, 35.6562, 44.1929



35.7165, 35.6562, 41.1637

Rectangle

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



34.6977, 35.6562, 33.9077



33.0378, 35.6562, 33.9790



33.0952, 35.6562, 44.1929



34.7571, 35.6562, 44.1079

Sweetspot

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



34.6987, 35.6578, 33.9085



66.8418, 69.8215, 72.8888



34.2451, 33.0886, 38.8812



14.8080, 15.4471, 15.9982



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.



34.6987, 35.6578, 33.9085



60.5353, 61.7977, 56.6388



36.5344, 39.3293, 34.5204



8.2770, 8.5588, 8.4291



14.5226, 10.2506, 1.2131



0.4590, 0.3952, 0.0521

Inverse Universe

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



32.8485, 35.2641, 43.6037



56.4994, 60.9387, 77.7864



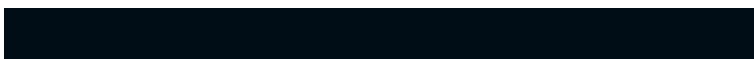
31.1165, 31.8002, 43.0264



7.9444, 8.4881, 10.1723



8.8649, 8.8636, 30.2881



0.2995, 0.3523, 0.8602

Previews

White Background



This preview shows how the XYZ color 34.6977, 35.6562, 33.9077 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 34.6977, 35.6562, 33.9077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

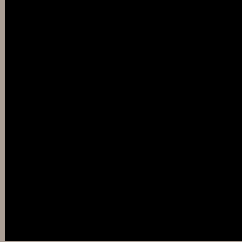
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6977, 35.6562, 33.9077

Background



This preview shows how black text looks on a background with the XYZ color 34.6977, 35.6562, 33.9077.



This preview shows how white text looks on a background with the XYZ color 34.6977, 35.6562,

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

34.6977, 35.6562, 33.9077

Protanopia

33.8826, 35.4830, 34.3412

Deuteranopia

36.5304, 35.8351, 34.2697



Tritanopia

36.4119, 35.6028, 41.9987

Trichromacy



Original Color

34.6977, 35.6562, 33.9077

Protanomaly

34.3052, 35.7008, 34.3610

Deuteranomaly

35.7743, 35.6954, 34.2825

Tritanomaly

35.7236, 35.5714, 38.7013

Monochromacy



Original Color

34.6977, 35.6562, 33.9077

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4335, 35.9577, 37.4734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6977, 35.6562, 33.9077 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(171, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 150)  
}
```

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(171, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.6977, 35.6562, 33.9077 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(171, 159, 150) }
```


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

```
.border{ border-color:rgb(171, 159, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6977, 35.6562, 33.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 150) }
```

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

```
.background{ background-color: rgb(171,  
159, 150) }
```

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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