

Converting Colors

XYZ(33.6736, 35.5455, 34.1146)

Have a look what the booklet for
XYZ(33.6736, 35.5455, 34.1146)
contains.

XYZ(33.7669, 35.6911, 33.9635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.7669, 35.6911,
33.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A196
RGB	165, 161, 150
RGB Percent	65%, 63%, 59%
CMY	0.3529, 0.3686, 0.4118
CMYK	0.00, 0.02, 0.09, 0.35
HSL	44°, 8%, 62%
HSV	44°, 9%, 65%
XYZ	33.7669, 35.6911, 33.9635
YIQ	160.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

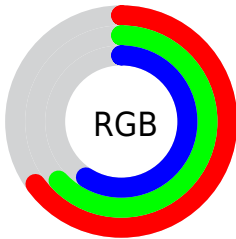
Format	Color
RYB	155, 165, 150
Decimal	10854806
CIELab	66.28, -0.55, 6.23
CIELCh	66, 6.254, 95.008
Yxy	35.6911, 0.3265, 0.3451
Android (android.graphics.Color)	4289044886 (0xFFA5A196)
YUV	160.9420, -5.3944, 3.5589
Hunter-Lab	59.7420, -3.6582, 8.1129

Details

The XYZ color **33.7669, 35.6911, 33.9635** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9246, 32.3111, 40.2043**, and the grayscale version is **33.8725, 35.6365, 38.8081**.

A 20% lighter version of the original color is **64.9702, 68.6870, 66.9604**, and **14.6381, 15.5634, 14.0369** is the 20% darker color. If you saturate the color by 10%, you get **31.7763, 33.6883, 27.2000**, and if you desaturate by 10%, it is **35.9736, 37.8259, 41.7230**.

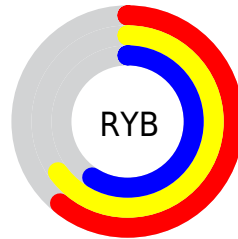
Distribution



Red (65%)

Green (63%)

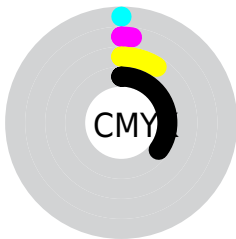
Blue (59%)



Red (61%)

Yellow (65%)

Blue (59%)

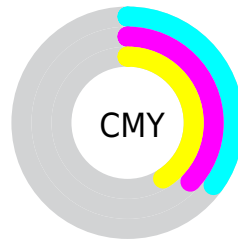


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7669, 35.6911, 33.9635 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 33.7669, 35.6911, 33.9635 by changing the saturation by 10% instead.

■ 33.7669, 35.6911,
33.9635

■ 33.7669, 35.6911,
33.9635

310.6957,
327.6084, 334.7335

■ 22.8766, 24.1957,
22.5884

■ 64.9177, 68.5550,
67.0102

■ 14.6226, 15.4789,
14.0875

■ 85.9090, 90.6924,
89.5188

■ 8.6396, 9.1562,
8.0421

110.9979,
117.1458, 116.5757

■ 4.5620, 4.8432,
4.0337

140.5499,
148.2997, 148.5995

■ 2.0248, 2.1555,
1.6439

174.9304,
184.5386, 186.0086

■ 0.6478, 0.6956,
0.3218

214.5045,

■ 0.0000, 0.0000,

226.2467, 229.2216

0.0000

259.6379,
273.8085, 278.6570

■ 33.7669, 35.6911,
33.9635

■ 33.7669, 35.6911,
33.9635

■ 31.7763, 33.6883,
27.2000

■ 35.9736, 37.8259,
41.7230

■ 29.9908, 31.8092,
21.3891

■ 38.4011, 40.0915,
50.5149

■ 28.4028, 30.0514,
16.4876

■ 41.0575, 42.4927,
60.3765

■ 27.0031, 28.4108,
12.4483

■ 43.9497, 45.0328,
71.3425

■ 25.7815, 26.8829,
9.2194

■ 47.0843, 47.7147,
83.4461

■ 24.7269, 25.4627,
6.7436

■ 50.4674, 50.5414,
96.7193

■ 23.8267, 24.1448,
4.9561

■ 52.3678, 52.8206,
102.0431

■ 23.0662, 22.9228,
3.7811

■ 53.3460, 54.7772,
102.3692

■ 22.4163, 21.7846,
3.0665

■ 54.3534, 56.7919,
102.7049

Harmonies

Analogous

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



34.6871, 35.6911, 34.3872



33.7669, 35.6911, 33.9635



32.9042, 35.6911, 34.8024

Triad

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



33.7669, 35.6911, 33.9635



32.4747, 35.6911, 41.8851



35.5759, 35.6911, 41.0735

Complementary

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



33.7669, 35.6911, 33.9635



30.9246, 32.3111, 40.2043

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.



34.9632, 35.6911, 43.2247



33.7669, 35.6911, 33.9635



33.1708, 35.6911, 43.7081

Square

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



33.7669, 35.6911, 33.9635



32.1669, 35.6911, 39.3119



34.0802, 35.6911, 44.2092



35.7425, 35.6911, 38.4146

Rectangle

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



33.7669, 35.6911, 33.9635



32.4744, 35.6911, 35.9883



34.0802, 35.6911, 44.2092



35.4147, 35.6911, 41.8838

Sweetspot

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



33.7679, 35.6927, 33.9643



62.8130, 66.2005, 68.9962



32.2565, 32.1456, 35.0769



13.6642, 14.4071, 14.8443



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.



33.7679, 35.6927, 33.9643



59.6911, 63.1459, 58.1239



33.7594, 36.7417, 34.1672



7.4890, 7.9165, 7.5134



16.9575, 16.4889, 2.2889



0.3918, 0.4174, 0.0599

Inverse Universe

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



30.9246, 32.3111, 40.2043



53.5052, 55.7889, 71.7006



30.9297, 31.3509, 40.0187



6.8469, 7.1527, 8.9228



5.8544, 3.4882, 27.2945



0.1596, 0.1464, 0.5857

Previews

White Background



This preview shows how the XYZ color 33.7669, 35.6911, 33.9635 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 33.7669, 35.6911, 33.9635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

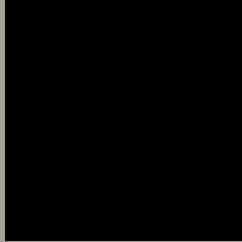
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

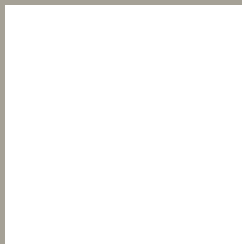
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.7669, 35.6911, 33.9635

Background



This preview shows how black text looks on a background with the XYZ color 33.7669, 35.6911, 33.9635.



This preview shows how white text looks on a background with the XYZ color 33.7669, 35.6911,

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

33.7669, 35.6911, 33.9635

Protanopia

34.0122, 35.5591, 33.9251

Deuteranopia

36.2968, 35.7146, 34.2587



Tritanopia

35.6310, 35.6808, 43.0393

Trichromacy



Original Color

33.7669, 35.6911, 33.9635

Protanomaly

33.8017, 35.4506, 33.9153

Deuteranomaly

35.4920, 35.8020, 34.3180

Tritanomaly

34.9453, 35.6561, 39.6908

Monochromacy



Original Color

33.7669, 35.6911, 33.9635

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7310, 35.6054, 36.9930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7669, 35.6911, 33.9635 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(165, 161, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 161, 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(165, 161, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 161, 150) }
```

Border

The CSS property to change the border of an element to XYZ 33.7669, 35.6911, 33.9635 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(165, 161, 150) }
```


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

```
.border{ border-color:rgb(165, 161, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 161, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 161, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 161, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 161,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7669, 35.6911, 33.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 161, 150) }
```

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

```
.background{ background-color: rgb(165,  
161, 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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