

Converting Colors

XYZ(35.1415, 34.6310, 36.9689)

Have a look what the booklet for
XYZ(35.1415, 34.6310, 36.9689)
contains.

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Color

**XYZ(35.1827, 34.5785,
37.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9A9E
RGB	174, 154, 158
RGB Percent	68%, 60%, 62%
CMY	0.3176, 0.3961, 0.3804
CMYK	0.00, 0.11, 0.09, 0.32
HSL	348°, 11%, 64%
HSV	348°, 11%, 68%
XYZ	35.1827, 34.5785, 37.1677
YIQ	160.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

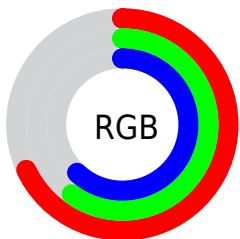
Format	Color
RYB	174, 154, 158
Decimal	11442846
CIELab	65.42, 8.06, 0.60
CIELCh	65, 8.083, 4.272
Yxy	34.5785, 0.3290, 0.3234
Android (android.graphics.Color)	4289632926 (0xFFAE9A9E)
YUV	160.4360, -1.2009, 11.8956
Hunter-Lab	58.8035, 3.8922, 3.6872

Details

The XYZ color **35.1827, 34.5785, 37.1677** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7195, 40.0453, 43.8791**, and the grayscale version is **33.6176, 35.3683, 38.5161**.

A 20% lighter version of the original color is **67.1992, 66.7388, 72.2909**, and **15.3892, 14.8270, 15.9607** is the 20% darker color. If you saturate the color by 10%, you get **31.3853, 28.7938, 30.3207**, and if you desaturate by 10%, it is **39.5342, 41.2532, 44.8701**.

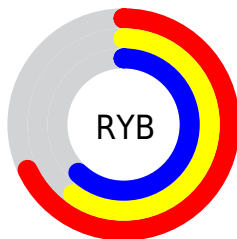
Distribution



Red (68%)

Green (60%)

Blue (62%)



Red (68%)

Yellow (60%)

Blue (62%)

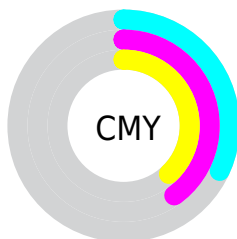


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1827, 34.5785, 37.1677 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 35.1827, 34.5785, 37.1677 by changing the saturation by 10% instead.


 35.1827, 34.5785,
37.1677

 35.1827, 34.5785,
37.1677


316.8679,
322.7039, 349.2265

 23.9708, 23.3384,
25.0406


 67.1009, 66.8323,
72.0198

 15.4366, 14.8436,
15.8880


 88.5379, 88.6147,
95.5819

 9.2147, 8.7097,
9.2914


114.1139,
114.6801, 123.7927

 4.9397, 4.5523,
4.8323

144.1944,
145.4127, 157.0708

 2.2463, 1.9871,
2.0922

179.1447,
181.1970, 195.8347

 0.7670, 0.5999,
0.6111

219.3302,

 0.0000, 0.0000,

222.4174, 240.5029

0.0000

265.1161,
269.4582, 291.4940

■ 35.1827, 34.5785,
37.1677

■ 35.1827, 34.5785,
37.1677

■ 31.3853, 28.7938,
30.3207

■ 39.5342, 41.2532,
44.8701

■ 28.1166, 23.8570,
24.2971

■ 44.4578, 48.8485,
53.4539

■ 25.3539, 19.7294,
19.0664

■ 49.9745, 57.3992,
62.9467

■ 23.0713, 16.3678,
14.5949

■ 56.1033, 66.9370,
73.3742

■ 21.2407, 13.7246,
10.8469

■ 62.8622, 77.4920,
84.7613

■ 19.8313, 11.7470,
7.7836

■ 69.1729, 86.9016,
96.7664

■ 18.8078, 10.3748,
5.3621

■ 71.2657, 87.7388,
107.7869

■ 18.1293, 9.5371,
3.5349

■ 17.7558, 9.1188,
2.3971

Harmonies

Analogous

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



34.9542, 34.5785, 40.5443



35.1827, 34.5785, 37.1677



34.7783, 34.5785, 34.1054

Triad

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



35.1827, 34.5785, 37.1677



31.6036, 34.5785, 32.5276



31.8899, 34.5785, 43.8179

Complementary

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



35.1827, 34.5785, 37.1677



35.7195, 40.0453, 43.8791

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.



31.0248, 34.5785, 41.4323



35.1827, 34.5785, 37.1677



30.8623, 34.5785, 34.8970

Square

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



35.1827, 34.5785, 37.1677



32.6969, 34.5785, 31.5301



30.6530, 34.5785, 38.1367



33.0353, 34.5785, 44.5149

Rectangle

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



35.1827, 34.5785, 37.1677



34.2097, 34.5785, 32.6136



30.6530, 34.5785, 38.1367



31.5576, 34.5785, 43.1801

Sweetspot

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



35.1837, 34.5800, 37.1684



70.4113, 72.8307, 79.1047



35.7742, 34.7148, 44.8599



15.5041, 15.9637, 17.3254



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.1837, 34.5800, 37.1684



61.8224, 59.6743, 63.8442



35.8602, 36.4747, 35.7240



8.0683, 8.0406, 8.6703



12.8959, 6.6209, 1.8313



0.3773, 0.1916, 0.1488

Inverse Universe

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



35.1837, 34.5800, 37.1684



61.8224, 59.6743, 63.8442



34.9703, 37.9324, 45.5233



8.0683, 8.0406, 8.6703



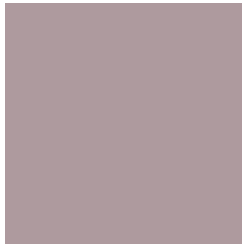
12.8959, 6.6209, 1.8313



0.3773, 0.1916, 0.1488

Previews

White Background



This preview shows how the XYZ color 35.1827, 34.5785, 37.1677 looks on a white background.

Color Contrast Check

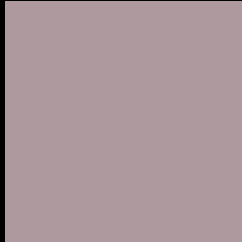
Large Text (above 18pt) WCAG AA × Fail

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 35.1827, 34.5785, 37.1677 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

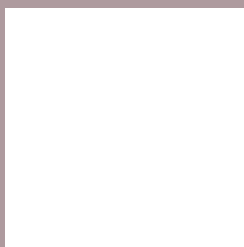
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1827, 34.5785, 37.1677

Background



This preview shows how black text looks on a background with the XYZ color 35.1827, 34.5785, 37.1677.



This preview shows how white text looks on a background with the XYZ color 35.1827, 34.5785,

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

35.1827, 34.5785, 37.1677

Protanopia

33.2700, 34.5689, 38.1766

Deuteranopia

35.1827, 34.5785, 37.1677



Tritanopia

35.8620, 34.6130, 40.3882

Trichromacy



Original Color

35.1827, 34.5785, 37.1677

Protanomaly

34.0409, 34.7241, 37.7092

Deuteranomaly

35.1827, 34.5785, 37.1677

Tritanomaly

35.5920, 34.5051, 38.9667

Monochromacy



Original Color

35.1827, 34.5785, 37.1677

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0019, 34.9563, 37.7560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1827, 34.5785, 37.1677 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(174, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 154, 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(174, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 154, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.1827, 34.5785, 37.1677 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(174, 154, 158) }
```


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

```
.border{ border-color:rgb(174, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 154,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1827, 34.5785, 37.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 154, 158) }
```

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

```
.background{ background-color: rgb(174,  
154, 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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