

Converting Colors

XYZ(34.9687, 34.7217, 36.9476)

Have a look what the booklet for
XYZ(34.9687, 34.7217, 36.9476)
contains.

XYZ(35.0407, 34.7612, 36.7610)	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(35.0407, 34.7612,
36.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9B9D
RGB	173, 155, 157
RGB Percent	68%, 61%, 62%
CMY	0.3216, 0.3921, 0.3843
CMYK	0.00, 0.10, 0.09, 0.32
HSL	353°, 10%, 64%
HSV	353°, 10%, 68%
XYZ	35.0407, 34.7612, 36.7610
YIQ	160.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

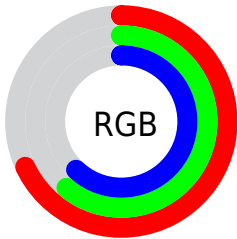
Format	Color
RYB	173, 155, 157
Decimal	11377565
CIELab	65.56, 6.96, 1.36
CIElCh	66, 7.091, 11.062
Yxy	34.7612, 0.3288, 0.3262
Android (android.graphics.Color)	4289567645 (0xFFAD9B9D)
YUV	160.6100, -1.7797, 10.8660
Hunter-Lab	58.9586, 2.9098, 4.3034

Details

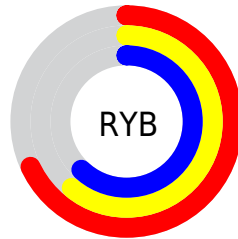
The XYZ color **35.0407, 34.7612, 36.7610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8131, 39.7968, 44.3240**, and the grayscale version is **33.7009, 35.4559, 38.6115**.

A 20% lighter version of the original color is **66.9972, 67.0124, 71.6909**, and **15.4370, 15.0062, 15.7185** is the 20% darker color. If you saturate the color by 10%, you get **31.1339, 28.9181, 29.3829**, and if you desaturate by 10%, it is **39.5273, 41.4985, 45.1488**.

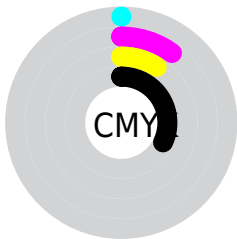
Distribution



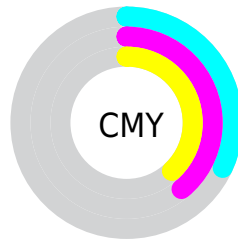
- Red (68%)
- Green (61%)
- Blue (62%)



- Red (68%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (32%)





- Cyan (32%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0407, 34.7612, 36.7610 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 35.0407, 34.7612, 36.7610 by changing the saturation by 10% instead.


 35.0407, 34.7612,
36.7610


 35.0407, 34.7612,
36.7610


316.2528,
323.5130, 347.4121

 23.8609, 23.4790,
24.7282


 66.8824, 67.1157,
71.3873

 15.3546, 14.9476,
15.6575

 88.2750, 88.9567,
94.8178

 9.1566, 8.7826,
9.1304


113.8026,
115.0861, 122.8846

 4.9014, 4.5997,
4.7283

143.8306,
145.8884, 156.0062

 2.2237, 2.0143,
2.0328

178.7242,
181.7478, 194.6013

 0.7552, 0.6158,
0.5754

218.8489,

 0.0000, 0.0000,

223.0487, 239.0882

0.0000

264.5700,
270.1757, 289.8857

■ 35.0407, 34.7612,
36.7610

■ 35.0407, 34.7612,
36.7610

■ 31.1339, 28.9181,
29.3829

■ 39.5273, 41.4985,
45.1488

■ 27.7803, 23.9272,
22.9743

■ 44.6131, 49.1606,
54.5801

■ 24.9559, 19.7501,
17.4953

■ 50.3199, 57.7822,
65.0898

■ 22.6333, 16.3436,
12.9028

■ 56.6678, 67.3949,
76.7107

■ 20.7831, 13.6604,
9.1499

■ 63.6760, 78.0290,
89.4739

■ 19.3725, 11.6482,
6.1857

■ 70.1369, 87.2616,
103.0011

■ 18.3646, 10.2475,
3.9533

■ 71.0438, 87.6243,
107.7765

■ 17.7162, 9.3883,
2.3886

■ 17.3530, 8.9320,
1.4344

Harmonies

Analogous

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



34.9668, 34.7612, 39.7379



35.0407, 34.7612, 36.7610



34.5700, 34.7612, 34.2111

Triad

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



35.0407, 34.7612, 36.7610



31.7435, 34.7612, 33.6939



32.3949, 34.7612, 43.5273

Complementary

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



35.0407, 34.7612, 36.7610



35.8131, 39.7968, 44.3240

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.



31.5548, 34.7612, 41.7361



35.0407, 34.7612, 36.7610



31.1843, 34.7612, 36.0210

Square

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



35.0407, 34.7612, 36.7610



32.6573, 34.7612, 32.5032



31.1159, 34.7612, 38.9583



33.4246, 34.7612, 43.7511

Rectangle

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



35.0407, 34.7612, 36.7610



34.0163, 34.7612, 33.0560



31.1159, 34.7612, 38.9583



32.0815, 34.7612, 43.0843

Sweetspot

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



35.0417, 34.7627, 36.7617



68.5593, 70.9658, 76.6991



36.0380, 35.1080, 44.4127



14.7578, 15.2095, 16.4039



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.



35.0417, 34.7627, 36.7617



61.4174, 60.2502, 63.3183



36.0537, 37.0575, 36.2647



8.0400, 8.0293, 8.5217



12.7595, 6.5663, 1.1128



0.3662, 0.1871, 0.0900

Inverse Universe

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



35.0417, 34.7627, 36.7617



61.4174, 60.2502, 63.3183



34.7160, 37.2957, 44.9046



8.0400, 8.0293, 8.5217



12.7595, 6.5663, 1.1128



0.3662, 0.1871, 0.0900

Previews

White Background



This preview shows how the XYZ color 35.0407, 34.7612, 36.7610 looks on a white background.

Color Contrast Check

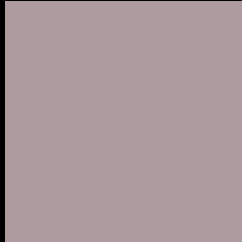
Large Text (above 18pt) WCAG AA × Fail

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 35.0407, 34.7612, 36.7610 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 35.0407, 34.7612, 36.7610

Background



This preview shows how black text looks on a background with the XYZ color 35.0407, 34.7612, 36.7610.



This preview shows how white text looks on a background with the XYZ color 35.0407, 34.7612,

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

35.0407, 34.7612, 36.7610

Protanopia

33.5564, 34.9809, 37.7843

Deuteranopia

35.3206, 34.6595, 36.7266



Tritanopia

35.8941, 34.8630, 40.9138

Trichromacy



Original Color

35.0407, 34.7612, 36.7610

Protanomaly

34.1243, 35.0293, 37.3105

Deuteranomaly

35.0970, 34.5442, 36.7162

Tritanomaly

35.6220, 34.7542, 39.4811

Monochromacy



Original Color

35.0407, 34.7612, 36.7610

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2604, 35.3337, 38.2721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0407, 34.7612, 36.7610 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(173, 155, 157) looks like.

```
.text, #text, p{  
    color:rgb(173, 155, 157)  
}
```

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(173, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.0407, 34.7612, 36.7610 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(173, 155, 157) }
```


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

```
.border{ border-color:rgb(173, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(173, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0407, 34.7612, 36.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 155, 157) }
```

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

```
.background{ background-color: rgb(173,  
155, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor