

Converting Colors

XYZ(36.8737, 34.1671, 37.1516)

Have a look what the booklet for
XYZ(36.8737, 34.1671, 37.1516)
contains.

XYZ(36.9266, 34.2778, 37.0178)	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(36.9266, 34.2778,
37.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	B9959E
RGB	185, 149, 158
RGB Percent	73%, 58%, 62%
CMY	0.2745, 0.4157, 0.3804
CMYK	0.00, 0.19, 0.15, 0.27
HSL	345°, 20%, 65%
HSV	345°, 19%, 73%
XYZ	36.9266, 34.2778, 37.0178
YIQ	160.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

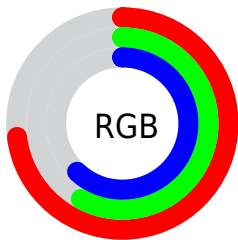
Format	Color
R_{YB}	185, 149, 158
Decimal	12162462
CIE _{Lab}	65.18, 14.92, 0.38
CIE _{LCh}	65, 14.921, 1.468
Yxy	34.2778, 0.3412, 0.3167
Android (android.graphics.Color)	4290352542 (0xFFB9959E)
YUV	160.7900, -1.3755, 21.2322
Hunter-Lab	58.5472, 10.1249, 3.4956

Details

The XYZ color **36.9266, 34.2778, 37.0178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5812, 44.2230, 47.6316**, and the grayscale version is **33.7797, 35.5389, 38.7019**.

A 20% lighter version of the original color is **69.6418, 66.2167, 72.0614**, and **16.3816, 14.6222, 15.8689** is the 20% darker color. If you saturate the color by 10%, you get **33.1012, 28.4316, 30.1788**, and if you desaturate by 10%, it is **41.3537, 41.1109, 44.7236**.

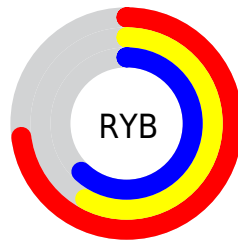
Distribution



Red (73%)

Green (58%)

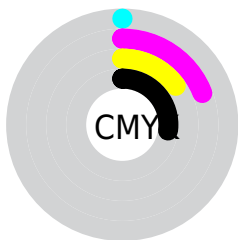
Blue (62%)



Red (73%)

Yellow (58%)

Blue (62%)

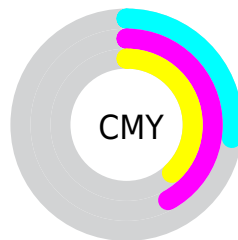


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9266, 34.2778, 37.0178 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 36.9266, 34.2778, 37.0178 by changing the saturation by 10% instead.


 36.9266, 34.2778,
37.0178


 36.9266, 34.2778,
37.0178


324.3537,
321.3690, 348.5586

 25.3241, 23.1071,
24.9254


 69.7744, 66.3654,
71.7868

 16.4487, 14.6726,
15.8030

 91.7505, 88.0512,
95.3004

 9.9351, 8.5899,
9.2320


117.9151,
114.0107, 123.4583

 5.4179, 4.4747,
4.7939

148.6336,
144.6284, 156.6788

 2.5317, 1.9425,
2.0703

184.2713,
180.2887, 195.3805

 0.9113, 0.5737,
0.5980

225.1937,

 0.0000, 0.0000,

221.3759, 239.9820

0.0000

271.7660,
268.2746, 290.9019

■ 36.9266, 34.2778,
37.0178

■ 36.9266, 34.2778,
37.0178

■ 33.1012, 28.4316,
30.1788

■ 41.3537, 41.1109,
44.7236

■ 29.8484, 23.5221,
24.1737

■ 46.4044, 48.9688,
53.3234

■ 27.1406, 19.5015,
18.9704

■ 52.1029, 57.8933,
62.8456

■ 24.9471, 16.3163,
14.5342

■ 58.4713, 67.9221,
73.3168

■ 23.2337, 13.9067,
10.8273

■ 65.5307, 79.0915,
84.7626

■ 21.9622, 12.2054,
7.8089

■ 71.6837, 88.2007,
96.6684

■ 21.0880, 11.1329,
5.4335

■ 73.8178, 89.0544,
107.9063

■ 20.5316, 10.5413,
3.6409

■ 20.5056, 10.5135,
3.5579

Harmonies

Analogous

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



36.3805, 34.2778, 43.3194



36.9266, 34.2778, 37.0178



36.2658, 34.2778, 31.4320

Triad

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



36.9266, 34.2778, 37.0178



30.4524, 34.2778, 28.0395



30.6295, 34.2778, 48.8221

Complementary

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



36.9266, 34.2778, 37.0178



37.5812, 44.2230, 47.6316

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.



29.1529, 34.2778, 43.9068



36.9266, 34.2778, 37.0178



29.0539, 34.2778, 31.9067

Square

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



36.9266, 34.2778, 37.0178



32.4734, 34.2778, 26.6168



28.5887, 34.2778, 37.6293



32.6869, 34.2778, 50.5719

Rectangle

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



36.9266, 34.2778, 37.0178



35.2460, 34.2778, 28.7424



28.5887, 34.2778, 37.6293



30.0520, 34.2778, 47.4603

Sweetspot

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



36.9276, 34.2793, 37.0185



76.9753, 78.1476, 85.0917



37.4101, 34.2294, 50.5346



16.4719, 16.6568, 18.1347



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.9276, 34.2793, 37.0185



63.3256, 57.0840, 61.3175



37.6604, 36.9394, 33.5807



9.0942, 9.0481, 9.8436



13.9875, 7.1688, 2.5553



0.5187, 0.2629, 0.2247

Inverse Universe

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



36.9276, 34.2793, 37.0185



63.3256, 57.0840, 61.3175



36.6779, 40.9441, 51.8692



9.0942, 9.0481, 9.8436



13.9875, 7.1688, 2.5553



0.5187, 0.2629, 0.2247

Previews

White Background



This preview shows how the XYZ color 36.9266, 34.2778, 37.0178 looks on a white background.

Color Contrast Check

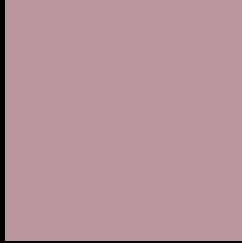
Large Text (above 18pt) WCAG AA × Fail

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 36.9266, 34.2778, 37.0178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

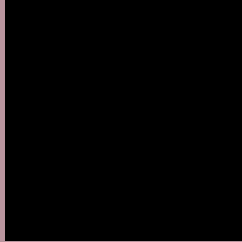
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9266, 34.2778, 37.0178

Background



This preview shows how black text looks on a background with the XYZ color 36.9266, 34.2778, 37.0178.



This preview shows how white text looks on a background with the XYZ color 36.9266, 34.2778,

37.0178.

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

36.9266, 34.2778, 37.0178

Protanopia

33.3349, 34.5716, 39.5664

Deuteranopia

34.9326, 34.2155, 36.6614



Tritanopia

37.1002, 34.3472, 37.9320

Trichromacy



Original Color

36.9266, 34.2778, 37.0178

Protanomaly

34.5166, 34.4509, 38.5487

Deuteranomaly

35.6741, 34.3558, 36.6494

Tritanomaly

37.0130, 34.3124, 37.4730

Monochromacy



Original Color

36.9266, 34.2778, 37.0178

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9797, 35.1981, 38.2080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9266, 34.2778, 37.0178 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(185, 149, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 149, 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(185, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 149, 158) }
```

Border

The CSS property to change the border of an element to XYZ 36.9266, 34.2778, 37.0178 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(185, 149, 158) }
```


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

```
.border{ border-color:rgb(185, 149, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(185, 149,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9266, 34.2778, 37.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 149, 158) }
```

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

```
.background{ background-color: rgb(185,  
149, 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](#).

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