

Converting Colors

XYZ(37.3241, 36.2467, 36.8086)

Have a look what the booklet for
XYZ(37.3241, 36.2467, 36.8086)
contains.

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Color

**XYZ(37.2657, 36.1563,
36.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	B69C9D
RGB	182, 156, 157
RGB Percent	71%, 61%, 62%
CMY	0.2863, 0.3882, 0.3843
CMYK	0.00, 0.14, 0.14, 0.29
HSL	358°, 15%, 66%
HSV	358°, 14%, 71%
XYZ	37.2657, 36.1563, 36.9130
YIQ	163.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

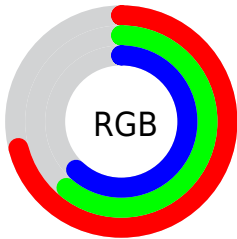
Format	Color
RYB	182, 156, 157
Decimal	11967645
CIELab	66.64, 9.75, 3.03
CIELCh	67, 10.210, 17.238
Yxy	36.1563, 0.3378, 0.3277
Android (android.graphics.Color)	4290157725 (0xFFB69C9D)
YUV	163.8880, -3.3958, 15.8842
Hunter-Lab	60.1301, 5.3979, 5.6938

Details

The XYZ color **37.2657, 36.1563, 36.9130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7802, 43.8610, 50.1404**, and the grayscale version is **35.2447, 37.0802, 40.3803**.

A 20% lighter version of the original color is **70.4378, 69.5191, 71.9934**, and **16.7064, 15.8109, 15.8070** is the 20% darker color. If you saturate the color by 10%, you get **33.0488, 29.9447, 28.6557**, and if you desaturate by 10%, it is **42.1563, 43.3720, 46.4519**.

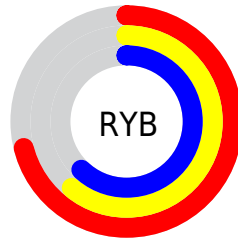
Distribution



Red (71%)

Green (61%)

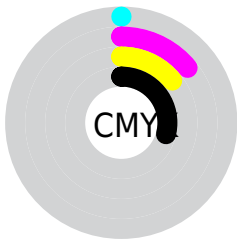
Blue (62%)



Red (71%)

Yellow (61%)

Blue (62%)

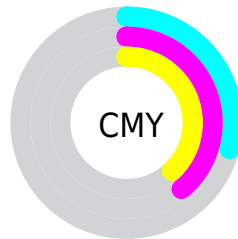


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2657, 36.1563, 36.9130 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 37.2657, 36.1563, 36.9130 by changing the saturation by 10% instead.


 37.2657, 36.1563,
36.9130


 37.2657, 36.1563,
36.9130

325.7950,
329.6432, 348.0910

 25.5879, 24.5549,
24.8449


 70.2924, 69.2732,
71.6238

 16.6467, 15.7458,
15.7436

 92.3721, 91.5576,
95.1035

 10.0766, 9.3444,
9.1905

118.6497,
118.1718, 123.2242

 5.5124, 4.9665,
4.7671

149.4906,
149.5001, 156.4045

 2.5888, 2.2276,
2.0549

185.2603,
185.9270, 195.0627

 0.9402, 0.7350,
0.5888

226.3240,

 0.0000, 0.0000,

227.8369, 239.6175

0.0000

273.0471,
275.6142, 290.4875

■ 37.2657, 36.1563,
36.9130

■ 37.2657, 36.1563,
36.9130

■ 33.0488, 29.9447,
28.6557

■ 42.1563, 43.3720,
46.4519

■ 29.4732, 24.6882,
21.6231

■ 47.7452, 51.6283,
57.3212

■ 26.5085, 20.3408,
15.7577

■ 54.0594, 60.9661,
69.5701

■ 24.1205, 16.8509,
10.9964

■ 61.1234, 71.4224,
83.2446

■ 22.2716, 14.1620,
7.2700

■ 68.9609, 83.0324,
98.3885

■ 20.9199, 12.2104,
4.5016

■ 73.1016, 88.6852,
107.8728

■ 20.0171, 10.9229,
2.6037

■ 19.5056, 10.2115,
1.4726

■ 19.3299, 9.9605,
1.1042

Harmonies

Analogous

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



37.3288, 36.1563, 41.2672



37.2657, 36.1563, 36.9130



36.4111, 36.1563, 33.4759

Triad

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



37.2657, 36.1563, 36.9130



32.2413, 36.1563, 33.8972



33.7169, 36.1563, 48.2122

Complementary

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



37.2657, 36.1563, 36.9130



38.7802, 43.8610, 50.1404

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.



32.3980, 36.1563, 45.9140



37.2657, 36.1563, 36.9130



31.5633, 36.1563, 37.5281

Square

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



37.2657, 36.1563, 36.9130



33.4972, 36.1563, 31.8259



31.6198, 36.1563, 41.9296



35.2486, 36.1563, 48.0166

Rectangle

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



37.2657, 36.1563, 36.9130



35.5215, 36.1563, 32.0685



31.6198, 36.1563, 41.9296



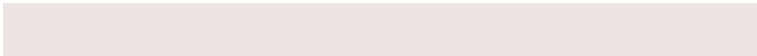
33.2348, 36.1563, 47.6989

Sweetspot

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



37.2667, 36.1579, 36.9138



76.6337, 78.9354, 84.6160



39.3188, 36.9435, 49.3150



16.7684, 17.2017, 18.3821



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.



37.2667, 36.1579, 36.9138



65.1408, 61.9825, 62.1869



39.2406, 40.2413, 37.1535



9.0182, 9.0176, 9.4432



13.6561, 7.0362, 0.8096



0.4862, 0.2499, 0.0535

Inverse Universe

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



37.2667, 36.1579, 36.9138



65.1408, 61.9825, 62.1869



36.5862, 39.3088, 49.9156



9.0182, 9.0176, 9.4432



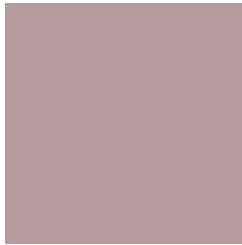
13.6561, 7.0362, 0.8096



0.4862, 0.2499, 0.0535

Previews

White Background



This preview shows how the XYZ color 37.2657, 36.1563, 36.9130 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 37.2657, 36.1563, 36.9130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

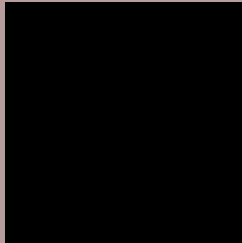
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2657, 36.1563, 36.9130

Background



This preview shows how black text looks on a background with the XYZ color 37.2657, 36.1563, 36.9130.



This preview shows how white text looks on a background with the XYZ color 37.2657, 36.1563,

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

37.2657, 36.1563, 36.9130

Protanopia

34.8159, 36.1348, 38.3974

Deuteranopia

36.9652, 36.2516, 36.9473



Tritanopia

38.2248, 36.3000, 41.5511

Trichromacy



Original Color

37.2657, 36.1563, 36.9130

Protanomaly

35.6694, 36.0701, 37.8831

Deuteranomaly

37.1988, 36.3720, 36.9582

Tritanomaly

37.8606, 36.1543, 39.6333

Monochromacy



Original Color

37.2657, 36.1563, 36.9130

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9725, 36.7209, 38.9101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2657, 36.1563, 36.9130 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(182, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(182, 156, 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(182, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 156, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.2657, 36.1563, 36.9130 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(182, 156, 157) }
```


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

```
.border{ border-color:rgb(182, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(182, 156,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2657, 36.1563, 36.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 156, 157) }
```

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

```
.background{ background-color: rgb(182,  
156, 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](#).

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