

Converting Colors

XYZ(37.7110, 36.0425, 36.1952)

Have a look what the booklet for
XYZ(37.7110, 36.0425, 36.1952)
contains.

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Color

**XYZ(37.6453, 36.1235,
35.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	B99B9B
RGB	185, 155, 155
RGB Percent	73%, 61%, 61%
CMY	0.2745, 0.3921, 0.3922
CMYK	0.00, 0.16, 0.16, 0.27
HSL	0°, 18%, 67%
HSV	0°, 16%, 73%
XYZ	37.6453, 36.1235, 35.9988
YIQ	163.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

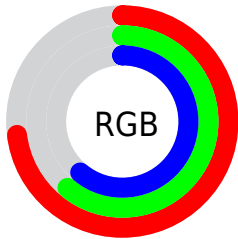
Format	Color
RYB	185, 155, 155
Decimal	12163995
CIELab	66.61, 11.10, 4.14
CIELCh	67, 11.845, 20.474
Yxy	36.1235, 0.3430, 0.3291
Android (android.graphics.Color)	4290354075 (0xFFB99B9B)
YUV	163.9700, -4.4222, 18.4433
Hunter-Lab	60.1028, 6.6232, 6.5600

Details

The XYZ color **37.6453, 36.1235, 35.9988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6232, 45.1683, 52.5292**, and the grayscale version is **35.2875, 37.1252, 40.4294**.

A 20% lighter version of the original color is **70.5847, 68.9052, 69.9014**, and **16.9647, 15.8056, 15.2534** is the 20% darker color. If you saturate the color by 10%, you get **33.3630, 29.8575, 27.4844**, and if you desaturate by 10%, it is **42.6393, 43.4312, 45.9257**.

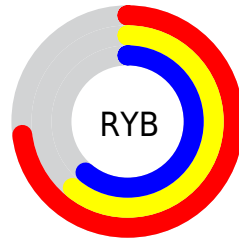
Distribution



Red (73%)

Green (61%)

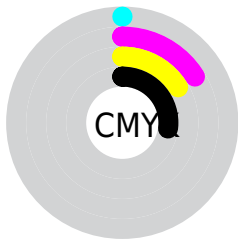
Blue (61%)



Red (73%)

Yellow (61%)

Blue (61%)

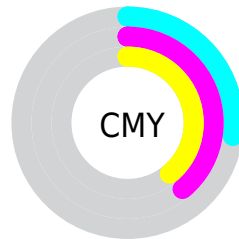


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6453, 36.1235, 35.9988 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 37.6453, 36.1235, 35.9988 by changing the saturation by 10% instead.


 37.6453, 36.1235,
35.9988


 37.6453, 36.1235,
35.9988


327.4032,
329.5000, 343.9926

 25.8835, 24.5296,
24.1436


 70.8716, 69.2226,
70.1992

 16.8687, 15.7269,
15.2270


 93.0667, 91.4967,
93.3815

 10.2357, 9.3311,
8.8305

119.4703,
118.0995, 121.1766

 5.6189, 4.9578,
4.5355

150.4478,
149.4156, 154.0030

 2.6532, 2.2225,
1.9235

186.3645,
185.8293, 192.2793

 0.9732, 0.7322,
0.5076

227.5857,

 0.0000, 0.0000,

227.7250, 236.4239

0.0000

274.4768,
275.4871, 286.8555

■ 37.6453, 36.1235,
35.9988

■ 37.6453, 36.1235,
35.9988

■ 33.3630, 29.8575,
27.4844

■ 42.6393, 43.4312,
45.9257

■ 29.7572, 24.5812,
20.3162

■ 48.3721, 51.8197,
57.3227

■ 26.7942, 20.2455,
14.4259

■ 54.8731, 61.3323,
70.2470

■ 24.4363, 16.7951,
9.7386

■ 62.1692, 72.0084,
84.7521

■ 22.6417, 14.1691,
6.1714

■ 70.2860, 83.8853,
100.8890

■ 21.3636, 12.2988,
3.6309

■ 73.8177, 89.0544,
107.9063

■ 20.5474, 11.1043,
2.0087

■ 20.1223, 10.4821,
1.1637

■ 20.0079, 10.3148,
0.9364

Harmonies

Analogous

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



37.8255, 36.1235, 40.9787



37.6453, 36.1235, 35.9988



36.5614, 36.1235, 32.2384

Triad

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



37.6453, 36.1235, 35.9988



31.7586, 36.1235, 33.4119



33.7704, 36.1235, 49.8253

Complementary

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



37.6453, 36.1235, 35.9988



39.6232, 45.1683, 52.5292

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.



32.1995, 36.1235, 47.3973



37.6453, 36.1235, 35.9988



31.0648, 36.1235, 37.7307

Square

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



37.6453, 36.1235, 35.9988



33.1497, 36.1235, 30.8370



31.2234, 36.1235, 42.8656



35.5468, 36.1235, 49.2601

Rectangle

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



37.6453, 36.1235, 35.9988



35.4923, 36.1235, 30.7898



31.2234, 36.1235, 42.8656



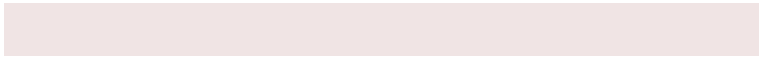
33.2018, 36.1235, 49.3247

Sweetspot

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



37.6463, 36.1251, 35.9996



77.4629, 79.3892, 84.4324



40.4863, 37.2603, 50.9573



16.5536, 16.9014, 17.9121



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.



37.6463, 36.1251, 35.9996



64.9165, 61.0306, 59.4900



40.2991, 41.4307, 36.8838



9.0047, 9.0124, 9.3719



13.6236, 7.0235, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



39.6232, 45.1683, 52.5292



69.0425, 79.9044, 93.9888



36.6497, 39.2213, 51.5381



9.2666, 10.2105, 11.5619



17.7730, 26.0057, 35.3359



0.6266, 0.9168, 1.2457

Previews

White Background



This preview shows how the XYZ color 37.6453, 36.1235, 35.9988 looks on a white background.

Color Contrast Check

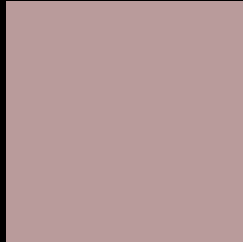
Large Text (above 18pt) WCAG AA × Fail

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 37.6453, 36.1235, 35.9988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

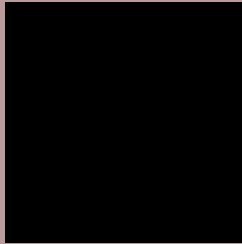
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6453, 36.1235, 35.9988

Background



This preview shows how black text looks on a background with the XYZ color 37.6453, 36.1235, 35.9988.



This preview shows how white text looks on a background with the XYZ color 37.6453, 36.1235,

35.9988.

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

37.6453, 36.1235, 35.9988

Protanopia

34.7288, 36.0999, 37.9385

Deuteranopia

37.0294, 36.3043, 36.0661



Tritanopia

38.4325, 35.9382, 40.5085

Trichromacy



Original Color

37.6453, 36.1235, 35.9988

Protanomaly

35.8033, 36.1491, 37.4382

Deuteranomaly

37.0963, 36.0886, 36.0210

Tritanomaly

38.2383, 36.1235, 38.6754

Monochromacy



Original Color

37.6453, 36.1235, 35.9988

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.1911, 36.8336, 38.9203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6453, 36.1235, 35.9988 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, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 155)  
}
```

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, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.6453, 36.1235, 35.9988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

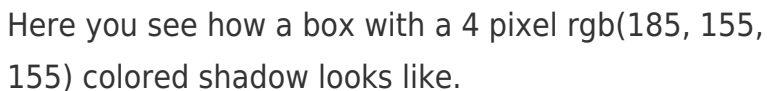
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 155, 155) }
```


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

```
.border{ border-color:rgb(185, 155, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 155, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 155, 155); box-shadow:4px 4px 4px 4px rgb(185, 155, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6453, 36.1235, 35.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 155) }
```

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

```
.background{ background-color: rgb(185,  
155, 155) }
```

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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