

Converting Colors

XYZ(37.3233, 31.5869, 35.9756)

Have a look what the booklet for
XYZ(37.3233, 31.5869, 35.9756)
contains.

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Color

**XYZ(37.3956, 31.6447,
36.0354)**

Conversions

Conversions Part 1

Format	Color
Hex	C3889D
RGB	195, 136, 157
RGB Percent	76%, 53%, 62%
CMY	0.2353, 0.4666, 0.3843
CMYK	0.00, 0.30, 0.19, 0.24
HSL	339°, 33%, 65%
HSV	339°, 30%, 76%
XYZ	37.3956, 31.6447, 36.0354
YIQ	156.0350, 28.4230, 19.0390

Conversions

Conversions Part 2

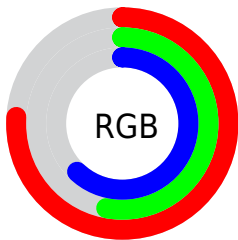
Format	Color
R_{YB}	195, 136, 157
Decimal	12814493
CIE Lab	63.05, 25.65, -2.05
CIE LCh	63, 25.736, 355.427
Yxy	31.6447, 0.3559, 0.3012
Android (android.graphics.Color)	4291004573 (0xFFC3889D)
YUV	156.0350, 0.4757, 34.1723
Hunter-Lab	56.2536, 20.2172, 1.3971

Details

The XYZ color **37.3956, 31.6447, 36.0354** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3097, 47.3212, 47.2140**, and the grayscale version is **31.6053, 33.2513, 36.2106**.

A 20% lighter version of the original color is **70.3162, 62.2255, 69.9327**, and **16.6652, 13.1131, 15.2884** is the 20% darker color. If you saturate the color by 10%, you get **33.8773, 26.2367, 29.8413**, and if you desaturate by 10%, it is **41.5255, 38.0989, 42.9781**.

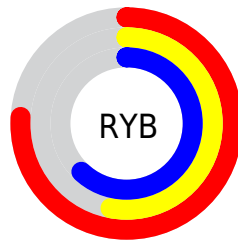
Distribution



Red (76%)

Green (53%)

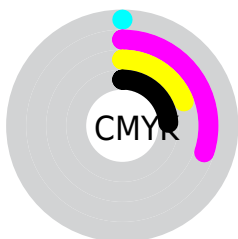
Blue (62%)



Red (76%)

Yellow (53%)

Blue (62%)

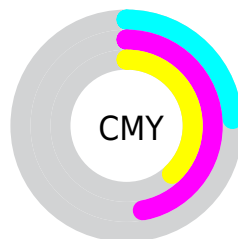


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3956, 31.6447, 36.0354 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 37.3956, 31.6447, 36.0354 by changing the saturation by 10% instead.


 37.3956, 31.6447,
36.0354


 37.3956, 31.6447,
36.0354


326.3460,
309.4975, 344.1573


 25.6890, 21.0903,
24.1716


 70.4907, 62.2537,
70.2564

 16.7226, 13.1900,
15.2476


 92.6099, 83.0770,
93.4506

 10.1310, 7.5595,
8.8448


 118.9307,
108.0921, 121.2588

 5.5488, 3.8144,
4.5447

149.8185,
137.6833, 154.0994

 2.6108, 1.5703,
1.9286

185.6385,
172.2351, 192.3911

 0.9514, 0.3374,
0.5109

226.7562,

 0.0000, 0.0000,

212.1318, 236.5522

0.0000

273.5369,
257.7578, 287.0015

■ 37.3956, 31.6447,
36.0354

■ 37.3956, 31.6447,
36.0354

■ 33.8773, 26.2367,
29.8413

■ 41.5255, 38.0989,
42.9781

■ 30.9376, 21.8151,
24.3672

■ 46.2927, 45.6464,
50.6924

■ 28.5442, 18.3204,
19.5857


■ 51.7244, 54.3366,
59.2028


■ 26.6603, 15.6852,
15.4664


■ 57.8456, 64.2146,
68.5321


■ 25.2445, 13.8326,
11.9764


■ 64.6798, 75.3231,
78.7021

 24.2481, 12.6718,
9.0790

 72.2495, 87.7026,
89.7337

 23.5924, 12.0368,
6.7754

 74.7352, 89.7099,
99.7002

 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



36.0456, 31.6447, 46.7612



37.3956, 31.6447, 36.0354



36.6621, 31.6447, 26.7359

Triad

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



37.3956, 31.6447, 36.0354



27.2448, 31.6447, 19.6627



26.3732, 31.6447, 53.1566

Complementary

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



37.3956, 31.6447, 36.0354



37.3097, 47.3212, 47.2140

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.



24.3323, 31.6447, 43.5345



37.3956, 31.6447, 36.0354



24.8071, 31.6447, 24.5239

Square

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



37.3956, 31.6447, 36.0354



30.6240, 31.6447, 18.4312



23.7821, 31.6447, 32.9229



29.5372, 31.6447, 57.8052

Rectangle

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



37.3956, 31.6447, 36.0354



35.1187, 31.6447, 22.3375



23.7821, 31.6447, 32.9229



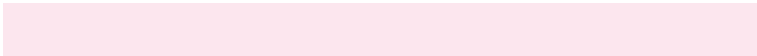
25.5432, 31.6447, 50.3148

Sweetspot

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



37.3965, 31.6462, 36.0360



83.9352, 83.3850, 92.4180



35.9704, 30.4761, 55.6166



18.0831, 17.7862, 19.7652



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.3965, 31.6462, 36.0360



62.8802, 50.3594, 57.3936



36.9038, 33.2873, 27.7744



10.2180, 10.1358, 11.2384



15.3704, 7.8379, 4.5965



0.6971, 0.3519, 0.3726

Inverse Universe

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



37.3965, 31.6462, 36.0360



62.8802, 50.3594, 57.3936



37.8033, 44.7725, 58.2795



10.2180, 10.1358, 11.2384



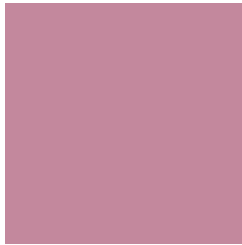
15.3704, 7.8379, 4.5965



0.6971, 0.3519, 0.3726

Previews

White Background



This preview shows how the XYZ color 37.3956, 31.6447, 36.0354 looks on a white background.

Color Contrast Check

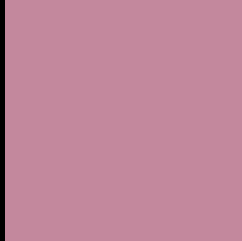
Large Text (above 18pt) WCAG AA × Fail

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 37.3956, 31.6447, 36.0354 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 37.3956, 31.6447, 36.0354

Background



This preview shows how black text looks on a background with the XYZ color 37.3956, 31.6447, 36.0354.



This preview shows how white text looks on a background with the XYZ color 37.3956, 31.6447,

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

37.3956, 31.6447, 36.0354

Protanopia

31.1522, 31.9219, 41.0789

Deuteranopia

32.4426, 31.7619, 35.4311



Tritanopia

36.6819, 31.7844, 32.2186

Trichromacy



Original Color

37.3956, 31.6447, 36.0354

Protanomaly

33.0382, 31.5269, 38.9943

Deuteranomaly

34.1055, 31.6939, 35.7725

Tritanomaly

36.7797, 31.5950, 33.4381

Monochromacy



Original Color

37.3956, 31.6447, 36.0354

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.3258, 32.4412, 35.9578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3956, 31.6447, 36.0354 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(195, 136, 157)` looks like.

```
.text, #text, p{  
    color:rgb(195, 136, 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(195, 136, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 136, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.3956, 31.6447, 36.0354 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(195, 136, 157) }
```


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

```
.border{ border-color:rgb(195, 136, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 136, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 136, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 136, 157);  
box-shadow:4px 4px 4px 4px rgb(195, 136,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3956, 31.6447, 36.0354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 136, 157) }
```

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

```
.background{ background-color: rgb(195,  
136, 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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