

Converting Colors

XYZ(37.6551, 36.3650, 42.6303)

Have a look what the booklet for
XYZ(37.6551, 36.3650, 42.6303)
contains.

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Color

**XYZ(37.8088, 36.5622,
42.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	B39DA9
RGB	179, 157, 169
RGB Percent	70%, 62%, 66%
CMY	0.2980, 0.3843, 0.3373
CMYK	0.00, 0.12, 0.06, 0.30
HSL	327°, 13%, 66%
HSV	327°, 12%, 70%
XYZ	37.8088, 36.5622, 42.6006
YIQ	164.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

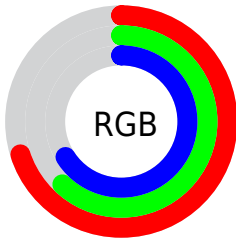
Format	Color
R _Y B	179, 157, 169
Decimal	11771305
CIE Lab	66.95, 10.19, -3.27
CIE LCh	67, 10.703, 342.230
Yxy	36.5622, 0.3232, 0.3126
Android (android.graphics.Color)	4289961385 (0xFFB39DA9)
YUV	164.9460, 1.9986, 12.3254
Hunter-Lab	60.4667, 5.7963, 0.5551

Details

The XYZ color **37.8088, 36.5622, 42.6006** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0012, 42.1993, 42.7563**, and the grayscale version is **35.7268, 37.5873, 40.9326**.

A 20% lighter version of the original color is **71.2590, 70.1310, 80.3019**, and **16.9691, 16.0280, 19.0290** is the 20% darker color. If you saturate the color by 10%, you get **34.2593, 30.6476, 37.7651**, and if you desaturate by 10%, it is **41.8516, 43.3864, 47.8360**.

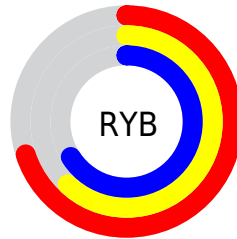
Distribution



Red (70%)

Green (62%)

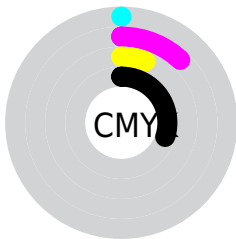
Blue (66%)



Red (70%)

Yellow (62%)

Blue (66%)

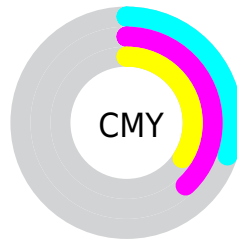


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8088, 36.5622, 42.6006 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 37.8088, 36.5622, 42.6006 by changing the saturation by 10% instead.

■ 37.8088, 36.5622,
42.6006

■ 37.8088, 36.5622,
42.6006

328.0941,
331.4112, 372.8395

■ 26.0109, 24.8687,
29.2428

■ 71.1208, 69.8989,
80.3877

■ 16.9645, 15.9793,
19.0174

■ 93.3655, 92.3110,
105.6540

■ 10.3043, 9.5095,
11.5059

119.8233,
119.0646, 135.7270

■ 5.6650, 5.0750,
6.2898

150.8593,
150.5443, 171.0250

■ 2.6812, 2.2913,
2.9504

186.8391,
187.1344, 211.9668

■ 0.9875, 0.7691,
1.0694

228.1279,

■ 0.0000, 0.0000,

229.2193, 258.9708

0.0000

275.0911,
277.1835, 312.4555

■ 37.8088, 36.5622,
42.6006

■ 37.8088, 36.5622,
42.6006

■ 34.2593, 30.6476,
37.7651

■ 41.8516, 43.3864,
47.8360

■ 31.1800, 25.5991,
33.3163

■ 46.4035, 51.1518,
53.4795

■ 28.5503, 21.3766,
29.2434

■ 51.4834, 59.8944,
59.5416

■ 26.3471, 17.9350,
25.5342

■ 57.1082, 69.6469,
66.0321

■ 24.5448, 15.2251,
22.1755

■ 63.2942, 80.4404,
72.9602

■ 23.1152, 13.1916,
19.1533

■ 66.9828, 86.1567,
79.3100

■ 22.0260, 11.7717,
16.4518

■ 68.0731, 86.5928,
85.0516

■ 21.2387, 10.8901,
14.0530

■ 69.2164, 87.0501,
91.0724

■ 20.7776, 10.4586,
12.3865

■ 70.4135, 87.5290,
97.3760

Harmonies

Analogous

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



36.8914, 36.5622, 46.8017



37.8088, 36.5622, 42.6006



37.8914, 36.5622, 37.9464

Triad

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



37.8088, 36.5622, 42.6006



34.0943, 36.5622, 31.6982



32.4913, 36.5622, 46.1246

Complementary

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



37.8088, 36.5622, 42.6006



37.0012, 42.1993, 42.7563

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.



31.7896, 36.5622, 41.7336



37.8088, 36.5622, 42.6006



32.6956, 36.5622, 33.5519

Square

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



37.8088, 36.5622, 42.6006



35.7125, 36.5622, 31.8906



31.8632, 36.5622, 37.1440



33.8075, 36.5622, 48.9426

Rectangle

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



37.8088, 36.5622, 42.6006



37.4587, 36.5622, 35.2309



31.8632, 36.5622, 37.1440



32.1776, 36.5622, 44.7697

Sweetspot

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



37.8098, 36.5638, 42.6014



73.6007, 75.4077, 83.9513



36.1103, 35.5750, 47.6118



16.1820, 16.4962, 18.4406



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.8098, 36.5638, 42.6014



65.7403, 62.1765, 73.6556



36.8288, 36.1714, 37.4354



8.6837, 8.5802, 9.8330



14.7155, 7.4037, 8.9275



0.4920, 0.2445, 0.4335

Inverse Universe

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



37.8098, 36.5638, 42.6014



65.7403, 62.1765, 73.6556



38.0517, 42.6195, 48.2883



8.6837, 8.5802, 9.8330



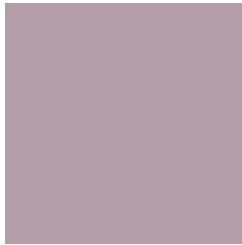
14.7155, 7.4037, 8.9275



0.4920, 0.2445, 0.4335

Previews

White Background



This preview shows how the XYZ color 37.8088, 36.5622, 42.6006 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 37.8088, 36.5622, 42.6006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

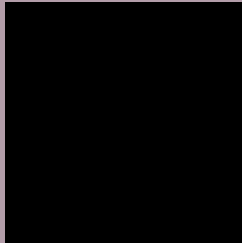
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8088, 36.5622, 42.6006

Background



This preview shows how black text looks on a background with the XYZ color 37.8088, 36.5622, 42.6006.



This preview shows how white text looks on a background with the XYZ color 37.8088, 36.5622,

42.6006.

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

37.8088, 36.5622, 42.6006

Protanopia

35.4710, 36.6057, 44.2258

Deuteranopia

37.2928, 36.5484, 42.6251



Tritanopia

37.8088, 36.5622, 42.6006

Trichromacy



Original Color

37.8088, 36.5622, 42.6006

Protanomaly

36.2837, 36.5169, 43.6642

Deuteranomaly

37.5198, 36.6654, 42.6357

Tritanomaly

37.8088, 36.5622, 42.6006

Monochromacy



Original Color

37.8088, 36.5622, 42.6006

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3808, 37.1399, 41.3276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8088, 36.5622, 42.6006 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(179, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 169)  
}
```

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(179, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.8088, 36.5622, 42.6006 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(179, 157, 169) }
```


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

```
.border{ border-color:rgb(179, 157, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8088, 36.5622, 42.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 169) }
```

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

```
.background{ background-color: rgb(179,  
157, 169) }
```

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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