

Converting Colors

XYZ(37.4668, 36.5831, 60.6006)

Have a look what the booklet for
XYZ(37.4668, 36.5831, 60.6006)
contains.

XYZ(37.4380, 36.4869, 60.3278)	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(37.4380, 36.4869,
60.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	A09FC9
RGB	160, 159, 201
RGB Percent	63%, 62%, 79%
CMY	0.3725, 0.3765, 0.2118
CMYK	0.20, 0.21, 0.00, 0.21
HSL	241°, 28%, 71%
HSV	241°, 21%, 79%
XYZ	37.4380, 36.4869, 60.3278
YIQ	164.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

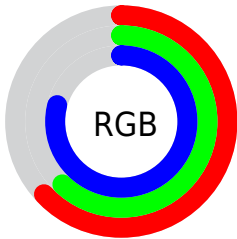
Format	Color
RYB	160, 159, 201
Decimal	10526665
CIELab	66.89, 9.23, -21.35
CIELCh	67, 23.263, 293.382
Yxy	36.4869, 0.2789, 0.2718
Android (android.graphics.Color)	4288716745 (0xFFA09FC9)
YUV	164.0870, 18.1981, -3.5843
Hunter-Lab	60.4044, 4.9247, -16.9318

Details

The XYZ color **37.4380, 36.4869, 60.3278** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.9651, 56.5567, 41.0328**, and the grayscale version is **35.2495, 37.0852, 40.3858**.

A 20% lighter version of the original color is **70.1209, 69.7602, 104.3770**, and **16.8134, 16.0199, 29.8097** is the 20% darker color. If you saturate the color by 10%, you get **30.6408, 28.2629, 59.0993**, and if you desaturate by 10%, it is **45.4187, 46.1571, 61.7743**.

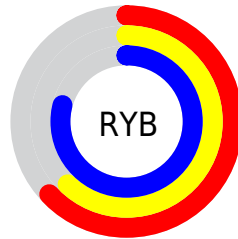
Distribution



Red (63%)

Green (62%)

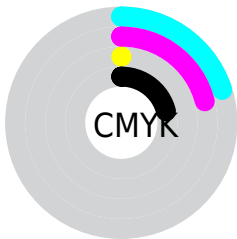
Blue (79%)



Red (63%)

Yellow (62%)

Blue (79%)

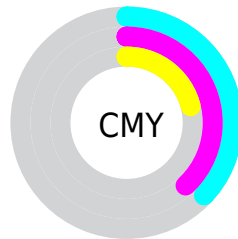


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (37%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4380, 36.4869, 60.3278 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 37.4380, 36.4869, 60.3278 by changing the saturation by 10% instead.

■ 37.4380, 36.4869,
60.3278

■ 37.4380, 36.4869,
60.3278

326.5257,
331.0837, 443.6431

■ 25.7220, 24.8105,
43.2559

■ 70.5554, 69.7829,
106.8531

■ 16.7474, 15.9359,
29.7530

■ 92.6875, 92.1713,
137.1435

■ 10.1487, 9.4788,
19.4008

119.0224,
118.8991, 172.6771

■ 5.5607, 5.0548,
11.7805

149.9254,
150.3508, 213.8726

■ 2.6180, 2.2794,
6.4737

185.7619,
186.9107, 261.1484

■ 0.9551, 0.7628,
3.0618

226.8972,

■ 0.0000, 0.0000,

228.9632, 314.9230

1.1263

273.6966,
276.8928, 375.6151

■ 0.0000, 0.0000,
0.0000

■ 37.4380, 36.4869,
60.3278

■ 37.4380, 36.4869,
60.3278

■ 30.6408, 28.2629,
59.0993

■ 45.4187, 46.1571,
61.7743

■ 24.9675, 21.4115,
58.0758

■ 54.6316, 57.3335,
63.4460

■ 20.3586, 15.8592,
57.2470

■ 65.1274, 70.0784,
65.3528

■ 16.7478, 11.5241,
56.6006

■ 76.9523, 84.4489,
67.5034

■ 14.0612, 8.3148,
56.1227

■ 87.5427, 96.9971,
69.3672

■ 12.2148, 6.1272,
55.7978

■ 11.1093, 4.8376,
55.6071

■ 10.6026, 4.2479,
55.5200

Harmonies

Analogous

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



33.9048, 36.4869, 62.2824



37.4380, 36.4869, 60.3278



40.4057, 36.4869, 52.4596

Triad

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



37.4380, 36.4869, 60.3278



38.8792, 36.4869, 26.1028



28.3768, 36.4869, 37.5338

Complementary

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



37.4380, 36.4869, 60.3278



50.9651, 56.5567, 41.0328

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.



29.5220, 36.4869, 29.2435



37.4380, 36.4869, 60.3278



35.4663, 36.4869, 23.4053

Square

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



37.4380, 36.4869, 60.3278



41.2763, 36.4869, 32.5157



32.0603, 36.4869, 24.4492



28.8263, 36.4869, 47.9350

Rectangle

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



37.4380, 36.4869, 60.3278



41.5840, 36.4869, 45.5386



32.0603, 36.4869, 24.4492



28.5853, 36.4869, 34.4340

Sweetspot

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



37.4392, 36.4884, 60.3286



85.0787, 87.9001, 107.0900



45.5655, 53.0365, 63.0944



17.9884, 18.5450, 22.8814



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.



37.4392, 36.4884, 60.3286



58.6682, 55.8975, 102.3049



41.9277, 38.8023, 60.5387



10.0796, 10.2993, 13.3742



6.6774, 2.6766, 34.9091



0.3245, 0.1310, 1.6533

Inverse Universe

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



46.9119, 41.3853, 60.1604



77.7321, 65.7534, 101.9276



45.8055, 53.8968, 40.7914



11.0718, 10.8121, 13.3613



21.4309, 10.3219, 33.8084



1.0183, 0.4902, 1.6195

Previews

White Background



This preview shows how the XYZ color 37.4380, 36.4869, 60.3278 looks on a white background.

Color Contrast Check

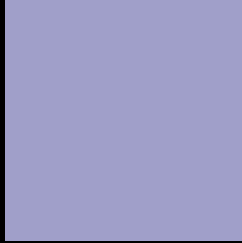
Large Text (above 18pt) WCAG AA × Fail

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 37.4380, 36.4869, 60.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

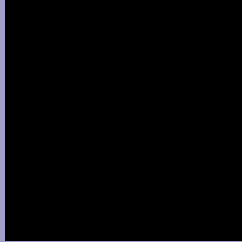
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4380, 36.4869, 60.3278

Background



This preview shows how black text looks on a background with the XYZ color 37.4380, 36.4869, 60.3278.



This preview shows how white text looks on a background with the XYZ color 37.4380, 36.4869,

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

37.4380, 36.4869, 60.3278

Protanopia

36.5424, 36.5263, 61.0014

Deuteranopia

37.2388, 36.3842, 60.3185



Tritanopia

34.4512, 36.2975, 46.2646

Trichromacy



Original Color

37.4380, 36.4869, 60.3278

Protanomaly

36.9418, 36.4738, 60.9702

Deuteranomaly

37.2388, 36.3842, 60.3185

Tritanomaly

35.5819, 36.5115, 51.0710

Monochromacy



Original Color

37.4380, 36.4869, 60.3278

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9604, 36.8015, 46.8031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4380, 36.4869, 60.3278 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(160, 159, 201)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 201)  
}
```

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(160, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 201) }
```

Border

The CSS property to change the border of an element to XYZ 37.4380, 36.4869, 60.3278 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(160, 159, 201) }
```


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

```
.border{ border-color:rgb(160, 159, 201) }
```

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

Here you see how a box with a 4 pixel rgb(160, 159, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4380, 36.4869, 60.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 201) }
```

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

```
.background{ background-color: rgb(160,  
159, 201) }
```

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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