

Converting Colors

XYZ(38.6935, 37.6330, 49.4805)

Have a look what the booklet for
XYZ(38.6935, 37.6330, 49.4805)
contains.

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Color

**XYZ(38.6935, 37.6330,
49.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA0B6
RGB	175, 160, 182
RGB Percent	69%, 63%, 71%
CMY	0.3137, 0.3725, 0.2863
CMYK	0.04, 0.12, 0.00, 0.29
HSL	281°, 13%, 67%
HSV	281°, 12%, 71%
XYZ	38.6935, 37.6330, 49.4805
YIQ	166.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

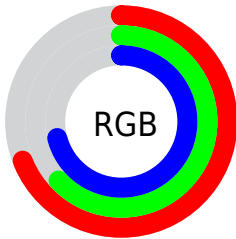
Format	Color
R_{YB}	175, 160, 182
Decimal	11509942
CIE Lab	67.75, 9.58, -9.37
CIE LCh	68, 13.401, 315.643
Yxy	37.6330, 0.3076, 0.2991
Android (android.graphics.Color)	4289700022 (0xFFAFA0B6)
YUV	166.9930, 7.3985, 7.0221
Hunter-Lab	61.3457, 5.2329, -4.8804

Details

The XYZ color **38.6935, 37.6330, 49.4805** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0109, 44.2105, 39.7370**, and the grayscale version is **36.6926, 38.6035, 42.0392**.

A 20% lighter version of the original color is **72.6881, 71.7628, 90.9095**, and **17.4571, 16.6598, 23.0645** is the 20% darker color. If you saturate the color by 10%, you get **34.4947, 31.1234, 48.4459**, and if you desaturate by 10%, it is **43.4122, 45.0983, 50.6733**.

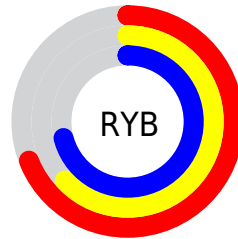
Distribution



Red (69%)

Green (63%)

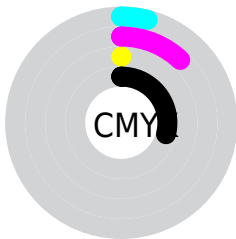
Blue (71%)



Red (69%)

Yellow (63%)

Blue (71%)

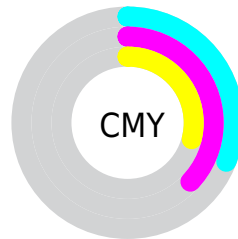


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6935, 37.6330, 49.4805 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 38.6935, 37.6330, 49.4805 by changing the saturation by 10% instead.

■ 38.6935, 37.6330,
49.4805

■ 38.6935, 37.6330,
49.4805

331.8153,
336.0430, 401.3076

■ 26.7010, 25.6980,
34.6325

■ 72.4669, 71.5453,
90.7930

■ 17.4842, 16.5978,
23.0986

■ 94.9786, 94.2913,
118.0947

■ 10.6778, 9.9482,
14.4604

121.7274,
121.4098, 150.3846

■ 5.9163, 5.3646,
8.2992

153.0786,
153.2852, 188.0814

■ 2.8344, 2.4627,
4.1965

189.3976,
190.3018, 231.6035

■ 1.0668, 0.8579,
1.7337

231.0499,

■ 0.0000, 0.0000,

232.8440, 281.3696

0.3837

278.4006,
281.2963, 337.7981

■ 0.0000, 0.0000,
0.0000

■ 38.6935, 37.6330,
49.4805

■ 38.6935, 37.6330,
49.4805

■ 34.4947, 31.1234,
48.4459

■ 43.4122, 45.0983,
50.6733

■ 30.7917, 25.5244,
47.5603

■ 48.6669, 53.5524,
52.0282

■ 27.5636, 20.7943,
46.8175

■ 54.4770, 63.0328,
53.5518

■ 24.7863, 16.8863,
46.2095

■ 60.8602, 73.5733,
55.2499

■ 22.4337, 13.7491,
45.7280

■ 67.8329, 85.2064,
57.1278

■ 20.4765, 11.3253,
45.3633

■ 70.7111, 88.5625,
57.6240

■ 18.8815, 9.5495,
45.1046

■ 72.3875, 89.4268,
57.7024

■ 17.6091, 8.3437,
44.9389

■ 74.1242, 90.3221,
57.7837

■ 16.7681, 7.6689,
44.8530

■ 75.9218, 91.2488,
57.8678

Harmonies

Analogous

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



36.8540, 37.6330, 52.9728



38.6935, 37.6330, 49.4805



39.7686, 37.6330, 43.8703

Triad

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



38.6935, 37.6330, 49.4805



36.7659, 37.6330, 30.8877



32.0686, 37.6330, 44.1298

Complementary

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



38.6935, 37.6330, 49.4805



39.0109, 44.2105, 39.7370

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.



32.0471, 37.6330, 38.2117



38.6935, 37.6330, 49.4805



34.7056, 37.6330, 30.9427

Square

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



38.6935, 37.6330, 49.4805



38.6269, 37.6330, 33.3482



32.9958, 37.6330, 33.5064



33.0557, 37.6330, 49.6862

Rectangle

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



38.6935, 37.6330, 49.4805



39.8815, 37.6330, 39.8643



32.9958, 37.6330, 33.5064



31.9495, 37.6330, 42.1081

Sweetspot

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



38.6946, 37.6346, 49.4813



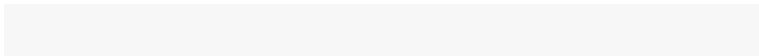
76.9339, 78.9400, 91.4178



36.8221, 38.6123, 49.7687



16.8458, 17.2025, 20.1542



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.



38.6946, 37.6346, 49.4813



67.6403, 64.3076, 89.0833



39.9327, 38.3161, 47.5871



9.0955, 9.0156, 11.3402



11.9126, 5.4524, 31.6776



0.4812, 0.2238, 1.1196

Inverse Universe

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



38.8386, 37.8784, 41.8254



67.9939, 64.8723, 71.8204



37.8973, 43.5988, 41.3841



9.1192, 9.0581, 9.9752



14.1883, 7.2491, 3.6126



0.5292, 0.2671, 0.2800

Previews

White Background



This preview shows how the XYZ color 38.6935, 37.6330, 49.4805 looks on a white background.

Color Contrast Check

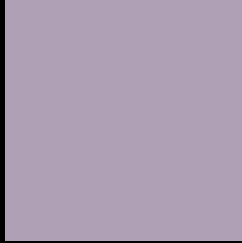
Large Text (above 18pt) WCAG AA × Fail

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 38.6935, 37.6330, 49.4805 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 38.6935, 37.6330, 49.4805

Background



This preview shows how black text looks on a background with the XYZ color 38.6935, 37.6330, 49.4805.



This preview shows how white text looks on a background with the XYZ color 38.6935, 37.6330,

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

38.6935, 37.6330, 49.4805

Protanopia

36.8275, 37.6930, 50.6819

Deuteranopia

38.4219, 37.7514, 49.5177



Tritanopia

37.8404, 37.5444, 45.2968

Trichromacy



Original Color

38.6935, 37.6330, 49.4805

Protanomaly

37.5808, 37.8288, 50.1207

Deuteranomaly

38.6439, 37.8658, 49.5280

Tritanomaly

38.1362, 37.6627, 46.8546

Monochromacy



Original Color

38.6935, 37.6330, 49.4805

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2994, 38.0755, 44.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6935, 37.6330, 49.4805 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(175, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 182)  
}
```

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(175, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.6935, 37.6330, 49.4805 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(175, 160, 182) }
```


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

```
.border{ border-color:rgb(175, 160, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 160, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 160, 182); box-shadow:4px 4px 4px 4px rgb(175, 160, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6935, 37.6330, 49.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 182) }
```

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

```
.background{ background-color: rgb(175,  
160, 182) }
```

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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