

Converting Colors

XYZ(37.6227, 38.2327, 44.9362)

Have a look what the booklet for
XYZ(37.6227, 38.2327, 44.9362)
contains.

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Color

**XYZ(37.6129, 38.2260,
44.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA4AD
RGB	171, 164, 173
RGB Percent	67%, 64%, 68%
CMY	0.3294, 0.3568, 0.3216
CMYK	0.01, 0.05, 0.00, 0.32
HSL	287°, 5%, 66%
HSV	287°, 5%, 68%
XYZ	37.6129, 38.2260, 44.9311
YIQ	167.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

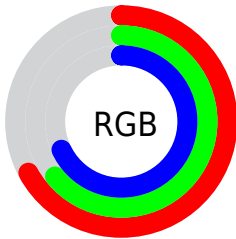
Format	Color
RYB	171, 164, 173
Decimal	11248813
CIELab	68.19, 4.21, -3.75
CIELCh	68, 5.640, 318.332
Yxy	38.2260, 0.3114, 0.3165
Android (android.graphics.Color)	4289438893 (0xFFABA4AD)
YUV	167.1190, 2.8993, 3.4036
Hunter-Lab	61.8272, 0.3939, 0.1917

Details

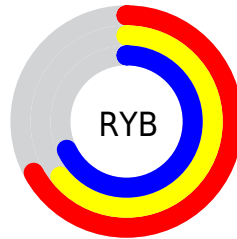
The XYZ color **37.6129, 38.2260, 44.9311** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3717, 40.6755, 41.0054**, and the grayscale version is **36.7754, 38.6906, 42.1340**.

A 20% lighter version of the original color is **70.6991, 72.4332, 83.6536**, and **16.8531, 16.8908, 20.4611** is the 20% darker color. If you saturate the color by 10%, you get **33.9000, 32.0252, 43.9305**, and if you desaturate by 10%, it is **41.7735, 45.2850, 46.0749**.

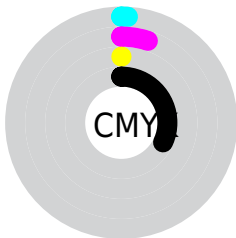
Distribution



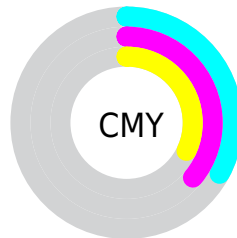
- Red (67%)
- Green (64%)
- Blue (68%)



- Red (67%)
- Yellow (64%)
- Blue (68%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6129, 38.2260, 44.9311 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 37.6129, 38.2260, 44.9311 by changing the saturation by 10% instead.

■ 37.6129, 38.2260,
44.9311

■ 37.6129, 38.2260,
44.9311

327.2661,
338.5885, 382.6464

■ 25.8582, 26.1581,
31.0606

■ 70.8222, 72.4544,
83.9344

■ 16.8497, 16.9420,
20.3862

■ 93.0075, 95.3837,
109.9042

■ 10.2221, 10.1931,
12.4892

119.4004,
122.7024, 140.7443

■ 5.6098, 5.5272,
6.9512

150.3662,
154.7946, 176.8731

■ 2.6477, 2.5598,
3.3536

186.2703,
192.0450, 218.7091

■ 0.9703, 0.9065,
1.2779

227.4781,

■ 0.0000, 0.0000,

234.8378, 266.6710

0.0436

274.3549,
283.5575, 321.1773

■ 0.0000, 0.0000,
0.0000

■ 37.6129, 38.2260,
44.9311

■ 37.6129, 38.2260,
44.9311

■ 33.9000, 32.0252,
43.9305

■ 41.7735, 45.2850,
46.0749

■ 30.6144, 26.6437,
43.0649

■ 46.3948, 53.2292,
47.3647

■ 27.7391, 22.0470,
42.3292

■ 51.4929, 62.0906,
48.8065

■ 25.2543, 18.1963,
41.7169

■ 57.0827, 71.8980,
50.4049

■ 23.1389, 15.0493,
41.2210

■ 63.1779, 82.6790,
52.1646

■ 21.3694, 12.5595,
40.8337

■ 65.5700, 86.0163,
52.6826

■ 19.9195, 10.6747,
40.5463

■ 66.5703, 86.5319,
52.7294

■ 18.7590, 9.3347,
40.3488

■ 67.5964, 87.0609,
52.7775

■ 17.8503, 8.4646,
40.2287

■ 68.6484, 87.6032,
52.8267

Harmonies

Analogous

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



36.8681, 38.2260, 46.3990



37.6129, 38.2260, 44.9311



38.0171, 38.2260, 42.6105

Triad

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



37.6129, 38.2260, 44.9311



36.6763, 38.2260, 37.0487



34.7482, 38.2260, 43.1663

Complementary

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



37.6129, 38.2260, 44.9311



37.3717, 40.6755, 41.0054

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.



34.6987, 38.2260, 40.6481



37.6129, 38.2260, 44.9311



35.8024, 38.2260, 37.1839

Square

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



37.6129, 38.2260, 44.9311



37.4706, 38.2260, 38.1015



35.0818, 38.2260, 38.4788



35.2180, 38.2260, 45.3521

Rectangle

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



37.6129, 38.2260, 44.9311



38.0348, 38.2260, 40.9225



35.0818, 38.2260, 38.4788



34.6821, 38.2260, 42.3286

Sweetspot

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



37.6140, 38.2276, 44.9319



69.6346, 72.2957, 81.0901



36.5087, 38.2202, 44.9888



15.1511, 15.7419, 17.6276



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.6140, 38.2276, 44.9319



66.7302, 67.3964, 80.2975



37.8228, 38.3619, 43.7405



8.4014, 8.4612, 10.1431



12.8786, 5.9990, 29.5237



0.4008, 0.1888, 0.8233

Inverse Universe

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



37.3933, 38.1901, 41.4789



66.2715, 67.3194, 73.0717



37.1745, 40.5485, 42.1380



8.3398, 8.4509, 9.1703



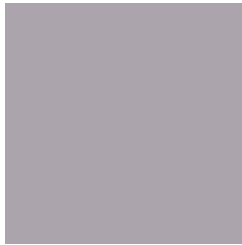
12.9414, 6.6391, 2.0709



0.3802, 0.1927, 0.1637

Previews

White Background



This preview shows how the XYZ color 37.6129, 38.2260, 44.9311 looks on a white background.

Color Contrast Check

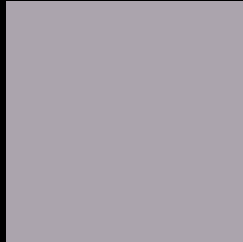
Large Text (above 18pt) WCAG AA × Fail

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 37.6129, 38.2260, 44.9311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

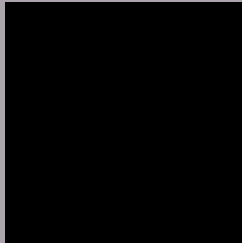
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6129, 38.2260, 44.9311

Background



This preview shows how black text looks on a background with the XYZ color 37.6129, 38.2260, 44.9311.



This preview shows how white text looks on a background with the XYZ color 37.6129, 38.2260,

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

37.6129, 38.2260, 44.9311

Protanopia

37.0315, 38.1817, 45.4624

Deuteranopia

38.9753, 38.1294, 45.3499



Tritanopia

37.9469, 38.0996, 46.4282

Trichromacy



Original Color

37.6129, 38.2260, 44.9311

Protanomaly

37.2436, 38.2911, 45.4724

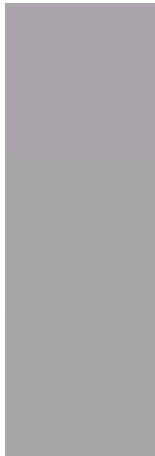
Deuteranomaly

38.4648, 38.1268, 45.3763

Tritanomaly

37.8483, 38.0602, 45.9090

Monochromacy



Original Color

37.6129, 38.2260, 44.9311

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9461, 38.4618, 43.0127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6129, 38.2260, 44.9311 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(171, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 173)  
}
```

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(171, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.6129, 38.2260, 44.9311 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(171, 164, 173) }
```


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

```
.border{ border-color:rgb(171, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6129, 38.2260, 44.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 173) }
```

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

```
.background{ background-color: rgb(171,  
164, 173) }
```

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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