

Converting Colors

XYZ(38.0427, 36.8224, 47.7502)

Have a look what the booklet for
XYZ(38.0427, 36.8224, 47.7502)
contains.

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Color

**XYZ(38.0427, 36.8224,
47.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9EB3
RGB	175, 158, 179
RGB Percent	69%, 62%, 70%
CMY	0.3137, 0.3804, 0.2980
CMYK	0.02, 0.12, 0.00, 0.30
HSL	289°, 12%, 66%
HSV	289°, 12%, 70%
XYZ	38.0427, 36.8224, 47.7502
YIQ	165.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

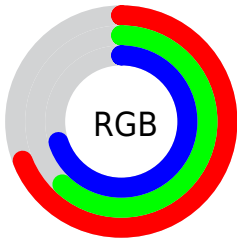
Format	Color
RYB	175, 158, 179
Decimal	11509427
CIELab	67.14, 10.10, -8.60
CIELCh	67, 13.267, 319.596
Yxy	36.8224, 0.3103, 0.3003
Android (android.graphics.Color)	4289699507 (0xFFAF9EB3)
YUV	165.4770, 6.6668, 8.3517
Hunter-Lab	60.6815, 5.7135, -4.1782

Details

The XYZ color **38.0427, 36.8224, 47.7502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1935, 42.3913, 38.5717**, and the grayscale version is **35.9620, 37.8348, 41.2021**.

A 20% lighter version of the original color is **71.7446, 70.5756, 88.4384**, and **17.0496, 16.1593, 21.9591** is the 20% darker color. If you saturate the color by 10%, you get **34.4537, 30.7658, 46.7709**, and if you desaturate by 10%, it is **42.0980, 43.7816, 48.8803**.

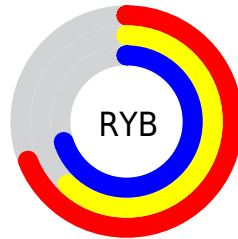
Distribution



Red (69%)

Green (62%)

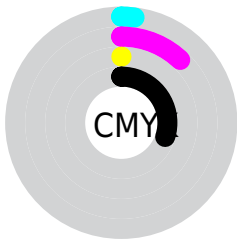
Blue (70%)



Red (69%)

Yellow (62%)

Blue (70%)

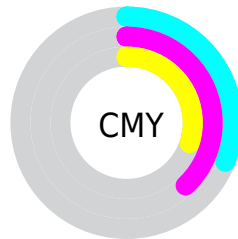


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0427, 36.8224, 47.7502 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 38.0427, 36.8224, 47.7502 by changing the saturation by 10% instead.

■ 38.0427, 36.8224,
47.7502

■ 38.0427, 36.8224,
47.7502

329.0808,
332.5410, 394.2812

■ 26.1932, 25.0700,
33.2705

■ 71.4771, 70.2996,
88.1940

■ 17.1017, 16.1292,
22.0610

■ 93.7926, 92.7931,
114.9953

■ 10.4028, 9.6156,
13.7029

120.3276,
119.6358, 146.7408

■ 5.7311, 5.1449,
7.7780

151.4473,
151.2121, 183.8491

■ 2.7214, 2.3325,
3.8675

187.5171,
187.9064, 226.7388

■ 1.0082, 0.7908,
1.5529

228.9024,

■ 0.0000, 0.0000,

230.1030, 275.8283

0.2569

275.9685,
278.1864, 331.5363

■ 0.0000, 0.0000,
0.0000

■ 38.0427, 36.8224,
47.7502

■ 38.0427, 36.8224,
47.7502

■ 34.4537, 30.7658,
46.7709

■ 42.0980, 43.7816,
48.8803

■ 31.3083, 25.5686,
45.9335

■ 46.6343, 51.6747,
50.1647

■ 28.5871, 21.1914,
45.2320

■ 51.6700, 60.5373,
51.6099

■ 26.2675, 17.5895,
44.6590

■ 57.2212, 70.4017,
53.2214

■ 24.3252, 14.7142,
44.2064

■ 63.3036, 81.2987,
55.0042

■ 22.7327, 12.5110,
43.8651

■ 66.5221, 86.4385,
55.8266

■ 21.4590, 10.9177,
43.6247

■ 67.4162, 86.8994,
55.8684

■ 20.4668, 9.8606,
43.4729

■ 68.3305, 87.3707,
55.9112

■ 19.7960, 9.2653,
43.3934

■ 69.2652, 87.8526,
55.9550

Harmonies

Analogous

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



36.3185, 36.8224, 51.5214



38.0427, 36.8224, 47.7502



38.9625, 36.8224, 42.1374

Triad

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



38.0427, 36.8224, 47.7502



35.7052, 36.8224, 30.1109



31.4630, 36.8224, 43.9439

Complementary

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



38.0427, 36.8224, 47.7502



37.1935, 42.3913, 38.5717

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.



31.3131, 36.8224, 38.1165



38.0427, 36.8224, 47.7502



33.7111, 36.8224, 30.4940

Square

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



38.0427, 36.8224, 47.7502



37.5789, 36.8224, 32.1998



32.1214, 36.8224, 33.3021



32.5392, 36.8224, 49.1817

Rectangle

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



38.0427, 36.8224, 47.7502



38.9727, 36.8224, 38.2661



32.1214, 36.8224, 33.3021



31.3042, 36.8224, 41.9778

Sweetspot

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



38.0438, 36.8240, 47.7510



73.6219, 75.3501, 87.0449



35.1944, 36.4367, 47.8264



16.1873, 16.4810, 19.2502



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.



38.0438, 36.8240, 47.7510



66.4462, 63.0817, 85.0551



38.3323, 37.0446, 44.5142



8.6882, 8.5633, 10.7013



14.0405, 6.5739, 30.6659



0.4826, 0.2279, 0.9668

Inverse Universe

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



37.3402, 36.6478, 39.2902



64.9586, 62.7148, 66.9163



36.9500, 42.2015, 41.4640



8.5603, 8.5309, 9.1831



13.3605, 6.8618, 1.7923



0.4400, 0.2237, 0.1595

Previews

White Background



This preview shows how the XYZ color 38.0427, 36.8224, 47.7502 looks on a white background.

Color Contrast Check

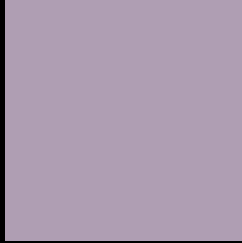
Large Text (above 18pt) WCAG AA × Fail

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 38.0427, 36.8224, 47.7502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

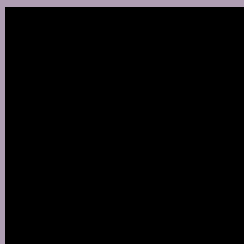
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0427, 36.8224, 47.7502

Background



This preview shows how black text looks on a background with the XYZ color 38.0427, 36.8224, 47.7502.



This preview shows how white text looks on a background with the XYZ color 38.0427, 36.8224,

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

38.0427, 36.8224, 47.7502

Protanopia

36.0618, 36.7951, 49.4575

Deuteranopia

37.5481, 36.8216, 47.7761



Tritanopia

37.3001, 36.7735, 44.1618

Trichromacy



Original Color

38.0427, 36.8224, 47.7502

Protanomaly

36.8112, 36.9329, 48.9047

Deuteranomaly

37.7684, 36.9352, 47.7864

Tritanomaly

37.5916, 36.8901, 45.6967

Monochromacy



Original Color

38.0427, 36.8224, 47.7502

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5382, 37.1780, 43.2805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0427, 36.8224, 47.7502 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, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 158, 179)  
}
```

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, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.0427, 36.8224, 47.7502 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, 158, 179) }
```


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

```
.border{ border-color:rgb(175, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(175, 158,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0427, 36.8224, 47.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 158, 179) }
```

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

```
.background{ background-color: rgb(175,  
158, 179) }
```

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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