

Converting Colors

XYZ(36.7351, 36.6212, 44.3838)

Have a look what the booklet for
XYZ(36.7351, 36.6212, 44.3838)
contains.

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Color

**XYZ(36.8118, 36.7781,
44.1884)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA0AC
RGB	171, 160, 172
RGB Percent	67%, 63%, 67%
CMY	0.3294, 0.3725, 0.3255
CMYK	0.01, 0.07, 0.00, 0.33
HSL	295°, 7%, 65%
HSV	295°, 7%, 67%
XYZ	36.8118, 36.7781, 44.1884
YIQ	164.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

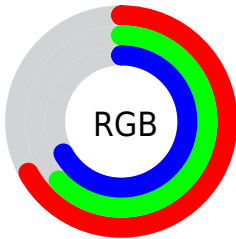
Format	Color
RYB	171, 160, 172
Decimal	11247788
CIELab	67.11, 6.23, -4.78
CIELCh	67, 7.852, 322.493
Yxy	36.7781, 0.3126, 0.3123
Android (android.graphics.Color)	4289437868 (0xFFABA0AC)
YUV	164.6570, 3.6201, 5.5628
Hunter-Lab	60.6450, 2.2218, -0.7497

Details

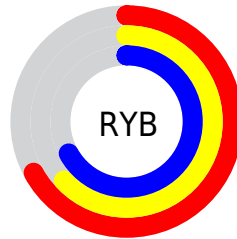
The XYZ color **36.8118, 36.7781, 44.1884** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7970, 39.6211, 39.0205**, and the grayscale version is **35.5832, 37.4363, 40.7681**.

A 20% lighter version of the original color is **69.5296, 70.3157, 82.5807**, and **16.4666, 16.2153, 20.0313** is the 20% darker color. If you saturate the color by 10%, you get **33.7238, 31.0627, 43.2485**, and if you desaturate by 10%, it is **40.3178, 43.3235, 45.2676**.

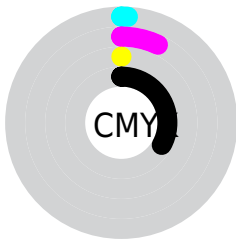
Distribution



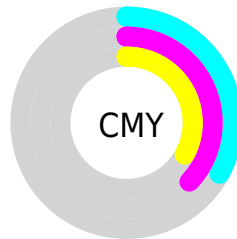
- Red (67%)
- Green (63%)
- Blue (67%)



- Red (67%)
- Yellow (63%)
- Blue (67%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8118, 36.7781, 44.1884 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 36.8118, 36.7781, 44.1884 by changing the saturation by 10% instead.

■ 36.8118, 36.7781,
44.1884

■ 36.8118, 36.7781,
44.1884

323.8647,
332.3488, 379.5404

■ 25.2348, 25.0357,
30.4804

■ 69.5989, 70.2314,
82.8067

■ 16.3817, 16.1037,
19.9483

■ 91.5398, 92.7111,
108.5540

■ 9.8872, 9.5975,
12.1738

117.6660,
119.5386, 139.1515

■ 5.3860, 5.1329,
6.7382

148.3430,
151.0985, 175.0176

■ 2.5125, 2.3255,
3.2230

183.9359,
187.7751, 216.5711

■ 0.9016, 0.7871,
1.2096

224.8103,

■ 0.0000, 0.0000,

229.9527, 264.2303

0.0000

271.3314,
278.0158, 318.4139

■ 36.8118, 36.7781,
44.1884

■ 36.8118, 36.7781,
44.1884

■ 33.7238, 31.0627,
43.2485

■ 40.3178, 43.3235,
45.2676

■ 31.0339, 26.1388,
42.4399

■ 44.2546, 50.7259,
46.4889

■ 28.7250, 21.9721,
41.7573

■ 48.6381, 59.0169,
47.8582

■ 26.7778, 18.5237,
41.1943

■ 53.4829, 68.2251,
49.3802

■ 25.1712, 15.7515,
40.7439

■ 58.8024, 78.3778,
51.0595

■ 23.8818, 13.6089,
40.3983

■ 61.9363, 84.1542,
52.0092

■ 22.8834, 12.0433,
40.1488

■ 62.2708, 84.3266,
52.0249

■ 22.1454, 10.9936,
39.9850

■ 62.6087, 84.5008,
52.0407

■ 21.6233, 10.3709,
39.8924

■ 62.9502, 84.6768,
52.0567

Harmonies

Analogous

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



35.8433, 36.7781, 46.4404



36.8118, 36.7781, 44.1884



37.2853, 36.7781, 40.9113

Triad

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



36.8118, 36.7781, 44.1884



35.2576, 36.7781, 33.8667



32.8755, 36.7781, 42.6167

Complementary

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



36.8118, 36.7781, 44.1884



35.7970, 39.6211, 39.0205

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.



32.7268, 36.7781, 39.1912



36.8118, 36.7781, 44.1884



34.0845, 36.7781, 34.2656

Square

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



36.8118, 36.7781, 44.1884



36.3748, 36.7781, 35.0466



33.1646, 36.7781, 36.1692



33.5756, 36.7781, 45.4976

Rectangle

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



36.8118, 36.7781, 44.1884



37.2490, 36.7781, 38.6379



33.1646, 36.7781, 36.1692



32.7600, 36.7781, 41.4861

Sweetspot

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



36.8129, 36.7797, 44.1892



69.8275, 72.3952, 81.0991



34.7250, 36.0136, 44.1514



15.1907, 15.7623, 17.6295



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.



36.8129, 36.7797, 44.1892



66.0900, 65.4349, 79.9526



36.5788, 36.7113, 41.8154



8.2703, 8.1136, 10.0829



16.0080, 7.6123, 29.6701



0.4642, 0.2215, 0.8263

Inverse Universe

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



36.0184, 36.4871, 38.8643



64.4222, 64.8212, 68.7548



36.0243, 39.6889, 41.2653



8.0313, 8.0258, 8.4758



12.7304, 6.5547, 0.9596



0.3627, 0.1858, 0.0717

Previews

White Background



This preview shows how the XYZ color 36.8118, 36.7781, 44.1884 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 36.8118, 36.7781, 44.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

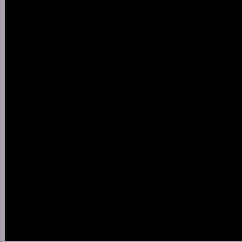
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8118, 36.7781, 44.1884

Background



This preview shows how black text looks on a background with the XYZ color 36.8118, 36.7781, 44.1884.



This preview shows how white text looks on a background with the XYZ color 36.8118, 36.7781,

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

36.8118, 36.7781, 44.1884

Protanopia

35.5674, 36.6443, 44.7336

Deuteranopia

37.5237, 36.8888, 44.1723



Tritanopia

36.9082, 36.8167, 44.6962

Trichromacy



Original Color

36.8118, 36.7781, 44.1884

Protanomaly

36.0136, 36.6139, 44.7042

Deuteranomaly

37.3001, 36.7735, 44.1618

Tritanomaly

36.9082, 36.8167, 44.6962

Monochromacy



Original Color

36.8118, 36.7781, 44.1884

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.1014, 37.2370, 42.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8118, 36.7781, 44.1884 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, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 172)  
}
```

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, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 172) }
```

Border

The CSS property to change the border of an element to XYZ 36.8118, 36.7781, 44.1884 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, 160, 172) }
```


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

```
.border{ border-color:rgb(171, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 172);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8118, 36.7781, 44.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 172) }
```

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

```
.background{ background-color: rgb(171,  
160, 172) }
```

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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