

Converting Colors

XYZ(37.4682, 37.0048, 37.7422)

Have a look what the booklet for
XYZ(37.4682, 37.0048, 37.7422)
contains.

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Color

**XYZ(37.4785, 37.0028,
37.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	B49F9F
RGB	180, 159, 159
RGB Percent	71%, 62%, 62%
CMY	0.2941, 0.3765, 0.3765
CMYK	0.00, 0.12, 0.12, 0.29
HSL	0°, 12%, 66%
HSV	0°, 12%, 71%
XYZ	37.4785, 37.0028, 37.9678
YIQ	165.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

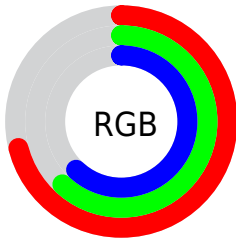
Format	Color
R _Y B	180, 159, 159
Decimal	11837343
CIE Lab	67.28, 7.69, 2.81
CIE LCh	67, 8.186, 20.098
Yxy	37.0028, 0.3333, 0.3291
Android (android.graphics.Color)	4290027423 (0xFFB49F9F)
YUV	165.2790, -3.0955, 12.9103
Hunter-Lab	60.8299, 3.5249, 5.5743

Details

The XYZ color **37.4785, 37.0028, 37.9678** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8572, 43.3077, 49.4915**, and the grayscale version is **35.9091, 37.7792, 41.1416**.

A 20% lighter version of the original color is **70.7762, 70.7810, 73.5501**, and **16.8217, 16.3199, 16.4508** is the 20% darker color. If you saturate the color by 10%, you get **33.1563, 30.6784, 29.3737**, and if you desaturate by 10%, it is **42.4809, 44.3227, 47.9117**.

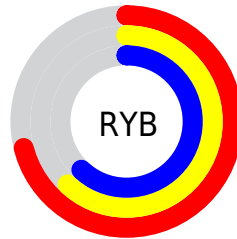
Distribution



Red (71%)

Green (62%)

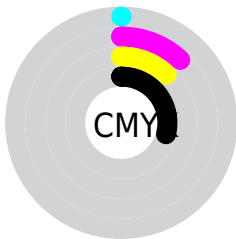
Blue (62%)



Red (71%)

Yellow (62%)

Blue (62%)

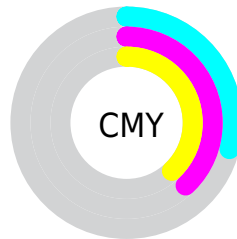


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4785, 37.0028, 37.9678 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 37.4785, 37.0028, 37.9678 by changing the saturation by 10% instead.


 37.4785, 37.0028,
37.9678


 37.4785, 37.0028,
37.9678


326.6972,
333.3226, 352.7759

 25.7536, 25.2097,
25.6561


 70.6172, 70.5771,
73.2617

 16.7711, 16.2333,
16.3431


 92.7616, 93.1270,
97.0809

 10.1657, 9.6894,
9.6103


119.1099,
120.0314, 125.5730

 5.5721, 5.1935,
5.0391

150.0275,
151.6745, 159.1565

 2.6248, 2.3612,
2.2111

185.8797,
188.4408, 198.2500

 0.9586, 0.8058,
0.6808

227.0318,

 0.0000, 0.0000,

230.7146, 243.2721

0.0000

273.8492,
278.8805, 294.6412

■ 37.4785, 37.0028,
37.9678

■ 37.4785, 37.0028,
37.9678

■ 33.1563, 30.6784,
29.3737

■ 42.4809, 44.3227,
47.9117

■ 29.4820, 25.3019,
22.0691

■ 48.1878, 52.6732,
59.2577

■ 26.4253, 20.8291,
15.9925

■ 54.6261, 62.0939,
72.0579

■ 23.9523, 17.2105,
11.0766

■ 61.8204, 72.6209,
86.3612

■ 22.0260, 14.3916,
7.2473

■ 69.7942, 84.2882,
102.2144

■ 20.6048, 12.3120,
4.4225

■ 72.6325, 88.4434,
107.8509

■ 19.6416, 10.9023,
2.5080

■ 19.0799, 10.0803,
1.3920

■ 18.8228, 9.7040,
0.8810

Harmonies

Analogous

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



37.5941, 37.0028, 41.4864



37.4785, 37.0028, 37.9678



36.7363, 37.0028, 35.2310

Triad

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



37.4785, 37.0028, 37.9678



33.3562, 37.0028, 36.0289



34.7579, 37.0028, 47.4668

Complementary

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



37.4785, 37.0028, 37.9678



38.8572, 43.3077, 49.4915

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.



33.6490, 37.0028, 45.8110



37.4785, 37.0028, 37.9678



32.8525, 37.0028, 39.1163

Square

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



37.4785, 37.0028, 37.9678



34.3497, 37.0028, 34.1584



32.9584, 37.0028, 42.7045



36.0034, 37.0028, 47.1141

Rectangle

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



37.4785, 37.0028, 37.9678



35.9955, 37.0028, 34.1512



32.9584, 37.0028, 42.7045



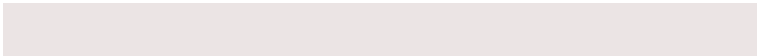
34.3573, 37.0028, 47.1230

Sweetspot

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



37.4795, 37.0044, 37.9686



75.6952, 78.4180, 84.2270



39.4591, 37.7953, 48.3958



16.1967, 16.7093, 17.8789



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.



37.4795, 37.0044, 37.9686



65.8254, 63.9760, 64.6050



39.3619, 40.7692, 38.5961



8.4965, 8.5055, 8.8464



13.1371, 6.7728, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



38.8572, 43.3077, 49.4915



68.8212, 77.6824, 89.6615



36.8179, 39.2290, 48.8117



8.7426, 9.6313, 10.9046



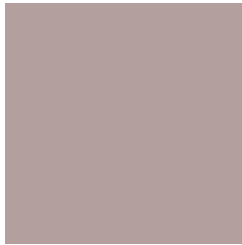
17.1369, 25.0742, 34.0736



0.5392, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 37.4785, 37.0028, 37.9678 looks on a white background.

Color Contrast Check

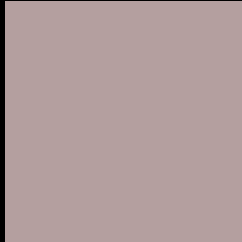
Large Text (above 18pt) WCAG AA × Fail

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 37.4785, 37.0028, 37.9678 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

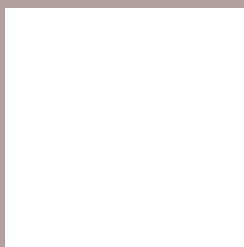
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.4785, 37.0028, 37.9678

Background



This preview shows how black text looks on a background with the XYZ color 37.4785, 37.0028, 37.9678.



This preview shows how white text looks on a background with the XYZ color 37.4785, 37.0028,

37.9678.

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

37.4785, 37.0028, 37.9678

Protanopia

35.4666, 36.9831, 38.9874

Deuteranopia

37.5409, 36.7807, 37.9216



Tritanopia

38.3687, 36.8400, 43.1188

Trichromacy



Original Color

37.4785, 37.0028, 37.9678

Protanomaly

36.2788, 37.1494, 38.5162

Deuteranomaly

37.5409, 36.7807, 37.9216

Tritanomaly

38.1658, 37.0307, 41.2125

Monochromacy



Original Color

37.4785, 37.0028, 37.9678

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2856, 37.3848, 39.9539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4785, 37.0028, 37.9678 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(180, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(180, 159, 159)  
}
```

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(180, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.4785, 37.0028, 37.9678 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(180, 159, 159) }
```


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

```
.border{ border-color:rgb(180, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(180, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4785, 37.0028, 37.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 159, 159) }
```

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

```
.background{ background-color: rgb(180,  
159, 159) }
```

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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