

Converting Colors

XYZ(40.9687, 42.5807, 38.8605)

Have a look what the booklet for
XYZ(40.9687, 42.5807, 38.8605)
contains.

XYZ(40.9687, 42.5807, 38.8605)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.9687, 42.5807,
38.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AD9F
RGB	184, 173, 159
RGB Percent	72%, 68%, 62%
CMY	0.2784, 0.3216, 0.3765
CMYK	0.00, 0.06, 0.14, 0.28
HSL	34°, 15%, 67%
HSV	34°, 14%, 72%
XYZ	40.9687, 42.5807, 38.8605
YIQ	174.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

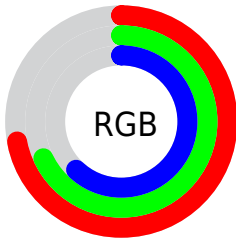
Format	Color
RYB	179, 184, 159
Decimal	12103071
CIELab	71.27, 1.53, 8.60
CIELCh	71, 8.734, 79.887
Yxy	42.5807, 0.3347, 0.3479
Android (android.graphics.Color)	4290293151 (0xFFB8AD9F)
YUV	174.6930, -7.7366, 8.1622
Hunter-Lab	65.2539, -2.1257, 10.3689

Details

The XYZ color **40.9687, 42.5807, 38.8605** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3243, 39.5801, 51.0202**, and the grayscale version is **40.6245, 42.7402, 46.5441**.

A 20% lighter version of the original color is **75.8162, 78.8671, 74.8453**, and **18.9042, 19.5827, 16.9708** is the 20% darker color. If you saturate the color by 10%, you get **37.9845, 38.9800, 30.5659**, and if you desaturate by 10%, it is **44.2869, 46.4683, 48.4401**.

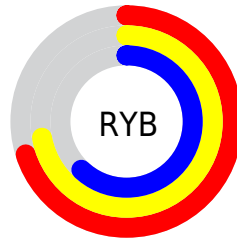
Distribution



Red (72%)

Green (68%)

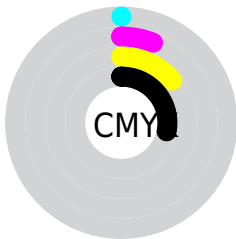
Blue (62%)



Red (70%)

Yellow (72%)

Blue (62%)

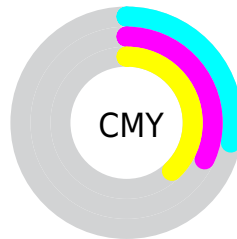


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9687, 42.5807, 38.8605 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 40.9687, 42.5807, 38.8605 by changing the saturation by 10% instead.

■ 40.9687, 42.5807,
38.8605

■ 40.9687, 42.5807,
38.8605

341.2546,
356.8846, 356.7053

■ 28.4822, 29.5563,
26.3442

■ 75.9114, 79.0777,
74.6432

■ 18.8318, 19.5020,
16.8533

■ 99.0983, 103.3191,
98.7466

■ 11.6521, 12.0336,
9.9691

126.5827,
132.0683, 127.5495

■ 6.5777, 6.7666,
5.2731

158.7299,
165.7096, 161.4705

■ 3.2434, 3.3165,
2.3469

195.9054,
204.6275, 200.9280

■ 1.2838, 1.2991,
0.7573

238.4744,

■ 0.1710, 0.1405,

249.2064, 246.3406

0.0000

286.8024,
299.8306, 298.1269

■ 0.0000, 0.0000,
0.0000

■ 40.9687, 42.5807,
38.8605

■ 40.9687, 42.5807,
38.8605

■ 37.9845, 38.9800,
30.5659

■ 44.2869, 46.4683,
48.4401

■ 35.3189, 35.6530,
23.4980

■ 47.9472, 50.6443,
59.3544

■ 32.9599, 32.5939,
17.5979

■ 51.9615, 55.1175,
71.6534

■ 30.8936, 29.7941,
12.8007

■ 56.3401, 59.8943,
85.3840

■ 29.1049, 27.2447,
9.0351

■ 61.0929, 64.9811,
100.5907

■ 27.5769, 24.9360,
6.2215

■ 63.8228, 69.4215,
104.6436

■ 26.2903, 22.8573,
4.2681

■ 66.0187, 73.8133,
105.3756

■ 25.2224, 20.9963,
3.0648

■ 68.3191, 78.4141,
106.1424

■ 24.6243, 19.9045,
2.5441

■ 70.7254, 83.2267,
106.9445

Harmonies

Analogous

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



42.3153, 42.5807, 40.4587



40.9687, 42.5807, 38.8605



39.5203, 42.5807, 39.1779

Triad

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



40.9687, 42.5807, 38.8605



37.8782, 42.5807, 49.1641



42.6661, 42.5807, 51.7619

Complementary

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



40.9687, 42.5807, 38.8605



37.3243, 39.5801, 51.0202

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.



41.4382, 42.5807, 54.3773



40.9687, 42.5807, 38.8605



38.6824, 42.5807, 52.8158

Square

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



40.9687, 42.5807, 38.8605



37.7594, 42.5807, 44.9599



39.9787, 42.5807, 54.7742



43.3109, 42.5807, 47.7953

Rectangle

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



40.9687, 42.5807, 38.8605



38.6907, 42.5807, 40.4400



39.9787, 42.5807, 54.7742



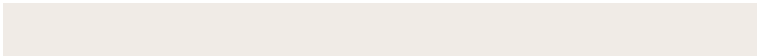
42.3065, 42.5807, 52.8381

Sweetspot

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



40.9699, 42.5826, 38.8614



79.9788, 83.8857, 86.9216



39.4451, 37.8989, 43.3910



17.1404, 17.9666, 18.4416



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.



40.9699, 42.5826, 38.8614



72.7596, 75.3913, 66.1904



42.8678, 46.8211, 39.5795



9.4106, 9.8242, 9.5072



17.0423, 13.8609, 1.7772



0.6613, 0.6097, 0.0828

Inverse Universe

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



37.3243, 39.5801, 51.0202



64.9924, 68.9947, 92.0964



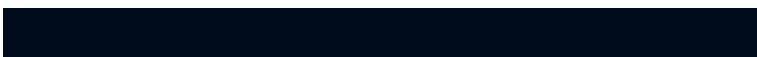
35.5976, 35.7569, 50.3732



8.8374, 9.3521, 11.4188



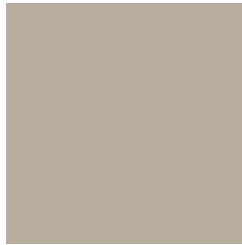
8.0552, 6.5701, 32.0967



0.3458, 0.3553, 1.1521

Previews

White Background



This preview shows how the XYZ color 40.9687, 42.5807, 38.8605 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 40.9687, 42.5807, 38.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

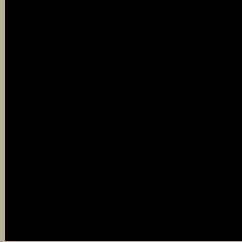
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9687, 42.5807, 38.8605

Background



This preview shows how black text looks on a background with the XYZ color 40.9687, 42.5807, 38.8605.



This preview shows how white text looks on a background with the XYZ color 40.9687, 42.5807,

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

40.9687, 42.5807, 38.8605

Protanopia

40.4501, 42.5991, 38.8914

Deuteranopia

43.3738, 42.4136, 39.1583



Tritanopia

43.2287, 42.3596, 50.6976

Trichromacy



Original Color

40.9687, 42.5807, 38.8605

Protanomaly

40.6855, 42.7204, 38.9024

Deuteranomaly

42.4581, 42.4940, 39.2221

Tritanomaly

42.2644, 42.2445, 45.9708

Monochromacy



Original Color

40.9687, 42.5807, 38.8605

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6576, 42.6017, 43.6162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9687, 42.5807, 38.8605 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(184, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 173, 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(184, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 173, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.9687, 42.5807, 38.8605 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(184, 173, 159) }
```


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

```
.border{ border-color:rgb(184, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 173,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9687, 42.5807, 38.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 173, 159) }
```

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

```
.background{ background-color: rgb(184,  
173, 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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