

Converting Colors

XYZ(40.1239, 44.5802, 38.3785)

Have a look what the booklet for
XYZ(40.1239, 44.5802, 38.3785)
contains.

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Color

**XYZ(40.0652, 44.4807,
38.3723)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB59D
RGB	174, 181, 157
RGB Percent	68%, 71%, 62%
CMY	0.3176, 0.2902, 0.3843
CMYK	0.04, 0.00, 0.13, 0.29
HSL	78°, 14%, 66%
HSV	78°, 13%, 71%
XYZ	40.0652, 44.4807, 38.3723
YIQ	176.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

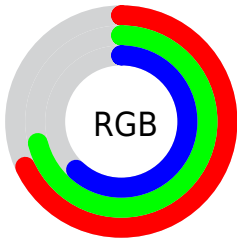
Format	Color
RYB	157, 181, 164
Decimal	11449757
CIELab	72.55, -6.78, 11.40
CIELCh	73, 13.263, 120.731
Yxy	44.4807, 0.3260, 0.3619
Android (android.graphics.Color)	4289639837 (0xFFAEB59D)
YUV	176.1710, -9.4513, -1.9040
Hunter-Lab	66.6939, -9.4834, 12.5732

Details

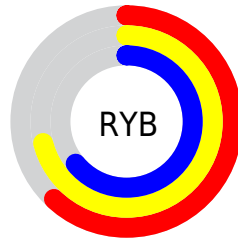
The XYZ color **40.0652, 44.4807, 38.3723** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7091, 35.3439, 48.6584**, and the grayscale version is **41.4035, 43.5597, 47.4365**.

A 20% lighter version of the original color is **74.8010, 82.1448, 74.2005**, and **18.3467, 20.6165, 16.6481** is the 20% darker color. If you saturate the color by 10%, you get **37.4797, 43.3147, 30.7734**, and if you desaturate by 10%, it is **42.9283, 45.7660, 47.1811**.

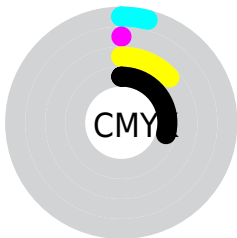
Distribution



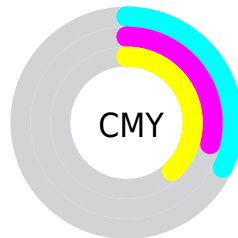
- Red (68%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0652, 44.4807, 38.3723 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 40.0652, 44.4807, 38.3723 by changing the saturation by 10% instead.

■ 40.0652, 44.4807,
38.3723

■ 40.0652, 44.4807,
38.3723

337.5280,
364.6663, 354.5603

■ 27.7738, 31.0486,
25.9677

■ 74.5465, 81.9406,
73.8882

■ 18.2948, 20.6359,
16.5739

■ 97.4671, 106.7372,
97.8365

■ 11.2628, 12.8581,
9.7724

124.6615,
136.0907, 126.4698

■ 6.3125, 7.3309,
5.1447

156.4951,
170.3856, 160.2067

■ 3.0785, 3.6699,
2.2722

193.3332,
210.0061, 199.4656

■ 1.1954, 1.4907,
0.7156

235.5411,

■ 0.1027, 0.2821,

255.3369, 244.6652

0.0000

283.4843,
306.7621, 296.2239

■ 0.0000, 0.0000,
0.0000

■ 40.0652, 44.4807,
38.3723

■ 40.0652, 44.4807,
38.3723

■ 37.4797, 43.3147,
30.7734

■ 42.9283, 45.7660,
47.1811

■ 35.1578, 42.2579,
24.3287

■ 46.0755, 47.1689,
57.2466

■ 33.0892, 41.3077,
18.9824

■ 49.5172, 48.6951,
68.6165

■ 31.2618, 40.4592,
14.6729

■ 53.2624, 50.3482,
81.3352

■ 29.6622, 39.7068,
11.3326

■ 57.3196, 52.1317,
95.4451

■ 28.2755, 39.0446,
8.8858

■ 59.9422, 53.3469,
101.7454

■ 27.0845, 38.4657,
7.2455

■ 61.4304, 54.1141,
101.8151

■ 26.0689, 37.9619,
6.3076

■ 62.9683, 54.9069,
101.8870

■ 25.4554, 37.6534,
5.9262

■ 64.5563, 55.7256,
101.9614

Harmonies

Analogous

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



42.2214, 44.4807, 36.8755



40.0652, 44.4807, 38.3723



38.5483, 44.4807, 42.5192

Triad

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



40.0652, 44.4807, 38.3723



40.1592, 44.4807, 60.2980



46.8394, 44.4807, 48.2711

Complementary

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



40.0652, 44.4807, 38.3723



35.7091, 35.3439, 48.6584

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.



46.2399, 44.4807, 54.8688



40.0652, 44.4807, 38.3723



42.3338, 44.4807, 62.1810

Square

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



40.0652, 44.4807, 38.3723



38.6012, 44.4807, 55.1724



44.5699, 44.4807, 60.1119



46.1802, 44.4807, 42.2641

Rectangle

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



40.0652, 44.4807, 38.3723



38.0753, 44.4807, 46.4272



44.5699, 44.4807, 60.1119



46.7782, 44.4807, 50.4936

Sweetspot

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



40.0664, 44.4826, 38.3733



76.4479, 81.7686, 83.1424



38.3831, 38.7389, 37.3533



16.4375, 17.6348, 17.7023



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.



40.0664, 44.4826, 38.3733



70.3106, 79.0130, 64.4071



37.5521, 43.1865, 38.2556



8.9507, 9.7797, 9.0684



17.6191, 25.9930, 4.0885



0.6090, 0.8460, 0.1312

Inverse Universe

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



35.7091, 35.3439, 48.6584



60.9355, 59.3489, 86.5384



38.2583, 36.6581, 48.7777



8.2672, 8.3463, 10.6816



6.8163, 2.8497, 30.3278



0.2740, 0.1204, 0.9570

Previews

White Background



This preview shows how the XYZ color 40.0652, 44.4807, 38.3723 looks on a white background.

Color Contrast Check

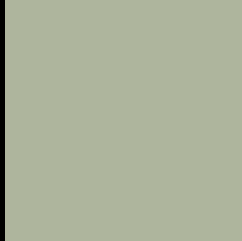
Large Text (above 18pt) WCAG AA × Fail

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 40.0652, 44.4807, 38.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

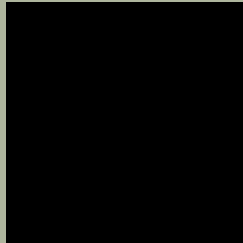
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

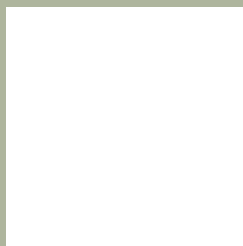
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0652, 44.4807, 38.3723

Background



This preview shows how black text looks on a background with the XYZ color 40.0652, 44.4807, 38.3723.



This preview shows how white text looks on a background with the XYZ color 40.0652, 44.4807,

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

40.0652, 44.4807, 38.3723

Protanopia

41.8882, 44.2499, 37.3437

Deuteranopia

45.1780, 44.1856, 38.9484



Tritanopia

43.4100, 44.3521, 54.9881

Trichromacy



Original Color

40.0652, 44.4807, 38.3723

Protanomaly

41.2125, 44.1862, 37.8091

Deuteranomaly

43.2398, 44.3350, 38.6263

Tritanomaly

42.0877, 44.4023, 48.4717

Monochromacy



Original Color

40.0652, 44.4807, 38.3723

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7610, 43.8193, 43.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0652, 44.4807, 38.3723 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(174, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 157)  
}
```

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(174, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.0652, 44.4807, 38.3723 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(174, 181, 157) }
```


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

```
.border{ border-color:rgb(174, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0652, 44.4807, 38.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 157) }
```

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

```
.background{ background-color: rgb(174,  
181, 157) }
```

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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