

Converting Colors

XYZ(38.2154, 40.5693, 38.9098)

Have a look what the booklet for
XYZ(38.2154, 40.5693, 38.9098)
contains.

XYZ(38.3636, 40.6626, 39.0844)	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(38.3636, 40.6626,
39.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	AEABA0
RGB	174, 171, 160
RGB Percent	68%, 67%, 63%
CMY	0.3176, 0.3294, 0.3725
CMYK	0.00, 0.02, 0.08, 0.32
HSL	47°, 8%, 65%
HSV	47°, 8%, 68%
XYZ	38.3636, 40.6626, 39.0844
YIQ	170.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

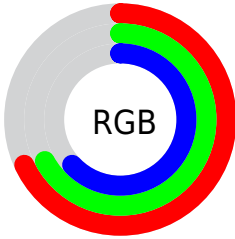
Format	Color
RYB	164, 174, 160
Decimal	11447200
CIELab	69.94, -0.91, 6.03
CIELCh	70, 6.101, 98.604
Yxy	40.6626, 0.3248, 0.3443
Android (android.graphics.Color)	4289637280 (0xFFAEABA0)
YUV	170.6430, -5.2470, 2.9441
Hunter-Lab	63.7672, -4.2036, 8.2969

Details

The XYZ color **38.3636, 40.6626, 39.0844** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2342, 36.7232, 45.2759**, and the grayscale version is **38.5542, 40.5620, 44.1720**.

A 20% lighter version of the original color is **71.7752, 75.9570, 75.1682**, and **17.3832, 18.4354, 17.1102** is the 20% darker color. If you saturate the color by 10%, you get **36.2536, 38.7102, 31.3896**, and if you desaturate by 10%, it is **40.7087, 42.7434, 47.9097**.

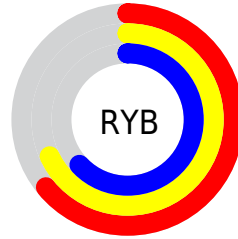
Distribution



Red (68%)

Green (67%)

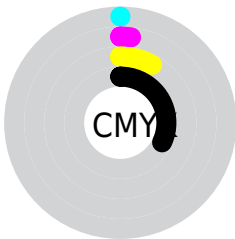
Blue (63%)



Red (64%)

Yellow (68%)

Blue (63%)

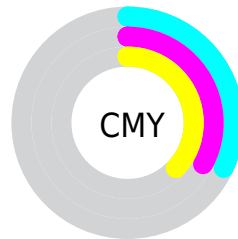


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3636, 40.6626, 39.0844 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 38.3636, 40.6626, 39.0844 by changing the saturation by 10% instead.

■ 38.3636, 40.6626,
39.0844

■ 38.3636, 40.6626,
39.0844

330.4311,
348.9085, 357.6859

■ 26.4435, 28.0555,
26.5171

■ 71.9654, 76.1714,
74.9890

■ 17.2901, 18.3675,
16.9816

■ 94.3778, 99.8420,
99.1633

■ 10.5382, 11.2142,
10.0596

121.0184,
127.9692, 128.0437

■ 5.8222, 6.2111,
5.3324

152.2525,
160.9375, 162.0488

■ 2.7769, 2.9739,
2.3814

188.4455,
199.1311, 201.5970

■ 1.0369, 1.1181,
0.7763

229.9627,

■ 0.0000, 0.0000,

242.9346, 247.1068

0.0000

277.1694,
292.7322, 298.9970

■ 38.3636, 40.6626,
39.0844

■ 38.3636, 40.6626,
39.0844

■ 36.2536, 38.7102,
31.3896

■ 40.7087, 42.7434,
47.9097

■ 34.3665, 36.8771,
24.7762

■ 43.2941, 44.9509,
57.9067

■ 32.6938, 35.1610,
19.1955

■ 46.1288, 47.2904,
69.1174

■ 31.2251, 33.5574,
14.5941

■ 49.2205, 49.7651,
81.5813

■ 29.9492, 32.0616,
10.9135

■ 52.5764, 52.3783,
95.3359

■ 28.8538, 30.6684,
8.0892

■ 54.6525, 54.5124,
102.2492

■ 27.9247, 29.3718,
6.0483

■ 55.4881, 56.1836,
102.5277

■ 27.1457, 28.1651,
4.7055

■ 56.3446, 57.8965,
102.8132

■ 26.4898, 27.0372,
3.9202

■ 57.2221, 59.6515,
103.1057

Harmonies

Analogous

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



39.3494, 40.6626, 39.3753



38.3636, 40.6626, 39.0844



37.4693, 40.6626, 40.1368

Triad

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



38.3636, 40.6626, 39.0844



37.1754, 40.6626, 47.7753



40.4540, 40.6626, 46.2999

Complementary

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



38.3636, 40.6626, 39.0844



35.2342, 36.7232, 45.2759

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.



39.8523, 40.6626, 48.6875



38.3636, 40.6626, 39.0844



37.9561, 40.6626, 49.5644

Square

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



38.3636, 40.6626, 39.0844



36.7910, 40.6626, 45.0979



38.9350, 40.6626, 49.9052



40.5676, 40.6626, 43.4615

Rectangle

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



38.3636, 40.6626, 39.0844



37.0414, 40.6626, 41.4863



38.9350, 40.6626, 49.9052



40.3016, 40.6626, 47.1853

Sweetspot

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



38.3647, 40.6644, 39.0853



72.0933, 75.9998, 80.2661



36.6407, 36.7864, 39.8358



16.0340, 16.9010, 17.8795



84.5950, 89.0005, 96.9216



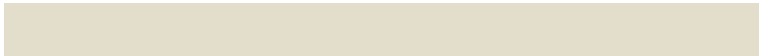
16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3647, 40.6644, 39.0853



68.7385, 72.9866, 67.7521



38.0664, 41.3603, 39.2353



8.5150, 9.0349, 8.5085



19.1688, 19.5431, 2.7619



0.5691, 0.6154, 0.0888

Inverse Universe

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



35.2342, 36.7232, 45.2759



61.6580, 64.0726, 81.7544



35.5143, 36.0872, 45.1384



7.7127, 8.0248, 10.0951



6.0632, 3.2603, 29.3542



0.2075, 0.1683, 0.8295

Previews

White Background



This preview shows how the XYZ color 38.3636, 40.6626, 39.0844 looks on a white background.

Color Contrast Check

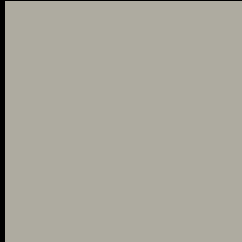
Large Text (above 18pt) WCAG AA × Fail

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 38.3636, 40.6626, 39.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

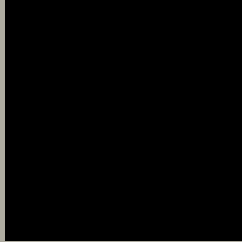
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

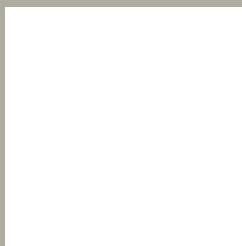
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3636, 40.6626, 39.0844

Background



This preview shows how black text looks on a background with the XYZ color 38.3636, 40.6626, 39.0844.



This preview shows how white text looks on a background with the XYZ color 38.3636, 40.6626,

39.0844.

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

38.3636, 40.6626, 39.0844

Protanopia

38.8514, 40.6346, 39.0533

Deuteranopia

41.3740, 40.5598, 39.3664



Tritanopia

40.4746, 40.6886, 49.4365

Trichromacy



Original Color

38.3636, 40.6626, 39.0844

Protanomaly

38.6244, 40.5176, 39.0427

Deuteranomaly

40.2593, 40.5249, 39.4184

Tritanomaly

39.6353, 40.6232, 45.2872

Monochromacy



Original Color

38.3636, 40.6626, 39.0844

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5512, 40.6865, 42.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3636, 40.6626, 39.0844 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, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 160)  
}
```

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, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.3636, 40.6626, 39.0844 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, 171, 160) }
```


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

```
.border{ border-color:rgb(174, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3636, 40.6626, 39.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 160) }
```

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

```
.background{ background-color: rgb(174,  
171, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor