

Converting Colors

XYZ(37.0258, 40.8921, 39.5796)

Have a look what the booklet for
XYZ(37.0258, 40.8921, 39.5796)
contains.

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Color

**XYZ(37.0861, 40.8446,
39.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AEA1
RGB	165, 174, 161
RGB Percent	65%, 68%, 63%
CMY	0.3529, 0.3176, 0.3686
CMYK	0.05, 0.00, 0.07, 0.32
HSL	102°, 7%, 66%
HSV	102°, 7%, 68%
XYZ	37.0861, 40.8446, 39.6474
YIQ	169.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

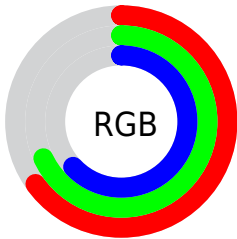
Format	Color
RYB	161, 174, 170
Decimal	10858145
CIELab	70.07, -5.61, 5.57
CIELCh	70, 7.910, 135.199
Yxy	40.8446, 0.3154, 0.3474
Android (android.graphics.Color)	4289048225 (0xFFA5AEA1)
YUV	169.8270, -4.3517, -4.2333
Hunter-Lab	63.9098, -8.2606, 7.9554

Details

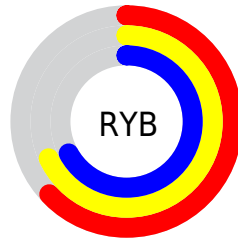
The XYZ color **37.0861, 40.8446, 39.6474** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9640, 37.0929, 45.2579**, and the grayscale version is **38.1446, 40.1311, 43.7028**.

A 20% lighter version of the original color is **69.9292, 76.2121, 75.9905**, and **16.5841, 18.5556, 17.4594** is the 20% darker color. If you saturate the color by 10%, you get **33.2684, 39.0428, 32.0085**, and if you desaturate by 10%, it is **41.3558, 42.8571, 48.4239**.

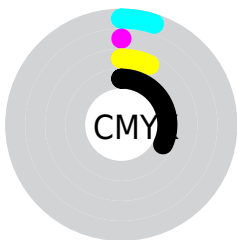
Distribution



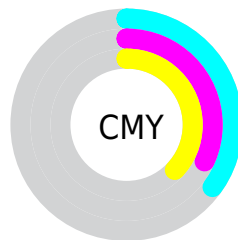
- Red (65%)
- Green (68%)
- Blue (63%)



- Red (63%)
- Yellow (68%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0861, 40.8446, 39.6474 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 37.0861, 40.8446, 39.6474 by changing the saturation by 10% instead.

■ 37.0861, 40.8446,
39.6474

■ 37.0861, 40.8446,
39.6474

325.0322,
349.6707, 360.1430

■ 25.4481, 28.1977,
26.9520

■ 70.0182, 76.4479,
75.8575

■ 16.5418, 18.4747,
17.3051

■ 92.0430, 100.1731,
100.2093

■ 10.0016, 11.2913,
10.2880

118.2608,
128.3599, 129.2837

■ 5.4623, 6.2632,
5.4822

149.0369,
161.3926, 163.4992

■ 2.5585, 3.0057,
2.4692

184.7368,
199.6556, 203.2743

■ 0.9248, 1.1347,
0.8238

225.7257,

■ 0.0000, 0.0074,

243.5334, 249.0276

0.0000

272.3691,
293.4103, 301.1777

■ 0.0000, 0.0000,
0.0000

■ 37.0861, 40.8446,
39.6474

■ 37.0861, 40.8446,
39.6474

■ 33.2684, 39.0428,
32.0085

■ 41.3558, 42.8571,
48.4239

■ 29.8840, 37.4396,
25.4581

■ 46.0885, 45.0814,
58.3791

■ 26.9179, 36.0294,
19.9473

■ 51.2993, 47.5257,
69.5553

■ 24.3529, 34.8046,
15.4226

■ 57.0013, 50.1958,
81.9921

■ 22.1704, 33.7568,
11.8257

■ 63.2073, 53.0976,
95.7272

■ 20.3505, 32.8773,
9.0920

■ 68.2086, 55.5481,
101.7346

■ 18.8710, 32.1560,
7.1489

■ 72.3742, 57.6955,
101.9295

■ 17.7068, 31.5820,
5.9116

■ 74.4268, 58.7537,
102.0256

■ 16.8238, 31.1405,
5.2503

Harmonies

Analogous

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



38.1742, 40.8446, 37.9568



37.0861, 40.8446, 39.6474



36.4699, 40.8446, 42.6806

Triad

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



37.0861, 40.8446, 39.6474



38.1906, 40.8446, 51.7091



41.2676, 40.8446, 42.6343

Complementary

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



37.0861, 40.8446, 39.6474



36.9640, 37.0929, 45.2579

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.



41.2722, 40.8446, 46.3145



37.0861, 40.8446, 39.6474



39.4762, 40.8446, 51.6949

Square

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



37.0861, 40.8446, 39.6474



37.0979, 40.8446, 49.7123



40.6103, 40.8446, 49.6747



40.5978, 40.8446, 39.6151

Rectangle

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



37.0861, 40.8446, 39.6474



36.4007, 40.8446, 45.1204



40.6103, 40.8446, 49.6747



41.3475, 40.8446, 43.8315

Sweetspot

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



37.0872, 40.8464, 39.6483



71.3761, 76.0233, 80.3084



38.2431, 40.2793, 39.4779



15.8831, 16.9059, 17.8884



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.



37.0872, 40.8464, 39.6483



66.0445, 73.5099, 69.4351



36.4805, 40.5090, 40.7279



8.1276, 9.0544, 8.5327



12.1176, 22.5439, 3.7127



0.3938, 0.6564, 0.1059

Inverse Universe

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



36.9640, 37.0929, 45.2579



65.7736, 65.2588, 81.7664



37.6115, 37.4533, 44.0856



8.0937, 8.0226, 10.0746



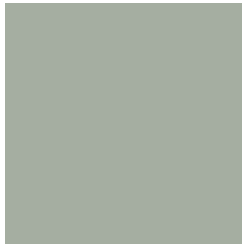
11.2702, 5.1699, 29.4484



0.3660, 0.1709, 0.8217

Previews

White Background



This preview shows how the XYZ color 37.0861, 40.8446, 39.6474 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 37.0861, 40.8446, 39.6474 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

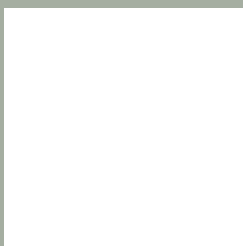
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0861, 40.8446, 39.6474

Background



This preview shows how black text looks on a background with the XYZ color 37.0861, 40.8446, 39.6474.



This preview shows how white text looks on a background with the XYZ color 37.0861, 40.8446,

39.6474.

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

37.0861, 40.8446, 39.6474

Protanopia

38.7642, 40.5998, 38.5943

Deuteranopia

41.5519, 40.6310, 40.3029



Tritanopia

39.5768, 41.0215, 51.1794

Trichromacy



Original Color

37.0861, 40.8446, 39.6474

Protanomaly

38.1417, 40.5481, 39.0740

Deuteranomaly

39.8156, 40.5590, 39.9126

Tritanomaly

38.7374, 40.9645, 46.9395

Monochromacy



Original Color

37.0861, 40.8446, 39.6474

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6864, 40.2407, 42.3402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0861, 40.8446, 39.6474 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(165, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 161)  
}
```

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(165, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.0861, 40.8446, 39.6474 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(165, 174, 161) }
```


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

```
.border{ border-color:rgb(165, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(165, 174,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0861, 40.8446, 39.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 174, 161) }
```

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

```
.background{ background-color: rgb(165,  
174, 161) }
```

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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