

Converting Colors

XYZ(37.6595, 40.1174, 43.5752)

Have a look what the booklet for
XYZ(37.6595, 40.1174, 43.5752)
contains.

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Color

**XYZ(37.7550, 40.2436,
43.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ABAA
RGB	167, 171, 170
RGB Percent	65%, 67%, 67%
CMY	0.3451, 0.3294, 0.3333
CMYK	0.02, 0.00, 0.01, 0.33
HSL	165°, 2%, 66%
HSV	165°, 2%, 67%
XYZ	37.7550, 40.2436, 43.8081
YIQ	169.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

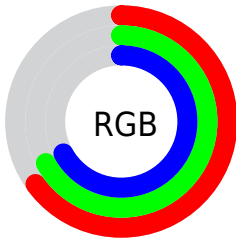
Format	Color
RYB	167, 169, 171
Decimal	10988458
CIELab	69.64, -1.60, 0.01
CIElCh	70, 1.600, 179.584
Yxy	40.2436, 0.3100, 0.3304
Android (android.graphics.Color)	4289178538 (0xFFA7ABAA)
YUV	169.6900, 0.1528, -2.3591
Hunter-Lab	63.4378, -4.7820, 3.4628

Details

The XYZ color **37.7550, 40.2436, 43.8081** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6827, 39.1236, 42.6134**, and the grayscale version is **38.0552, 40.0370, 43.6003**.

A 20% lighter version of the original color is **70.9112, 75.3586, 82.0424**, and **16.9371, 18.1465, 19.7495** is the 20% darker color. If you saturate the color by 10%, you get **33.9801, 38.3448, 41.5507**, and if you desaturate by 10%, it is **42.0231, 42.3974, 46.1592**.

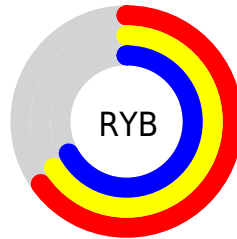
Distribution



Red (65%)

Green (67%)

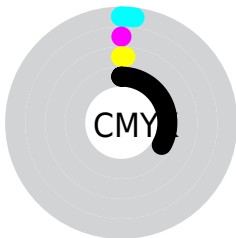
Blue (67%)



Red (65%)

Yellow (66%)

Blue (67%)

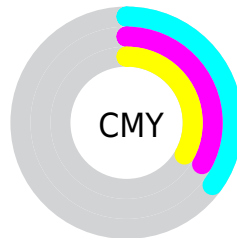


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7550, 40.2436, 43.8081 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 37.7550, 40.2436, 43.8081 by changing the saturation by 10% instead.

■ 37.7550, 40.2436,
43.8081

■ 37.7550, 40.2436,
43.8081

327.8669,
347.1492, 377.9430

■ 25.9689, 27.7285,
30.1836

■ 71.0388, 75.5343,
82.2283

■ 16.9330, 18.1211,
19.7247

■ 93.2672, 99.0787,
107.8611

■ 10.2817, 11.0370,
12.0130

119.7072,
127.0684, 138.3337

■ 5.6498, 6.0917,
6.6299

150.7240,
159.8877, 174.0646

■ 2.6720, 2.9009,
3.1568

186.6830,
197.9211, 215.4725

■ 0.9828, 1.0802,
1.1753

227.9496,

■ 0.0000, 0.0000,

241.5528, 262.9758

0.0000

274.8891,
291.1674, 316.9932

■ 37.7550, 40.2436,
43.8081

■ 37.7550, 40.2436,
43.8081

■ 33.9801, 38.3448,
41.5507

■ 42.0231, 42.3974,
46.1592

■ 30.6763, 36.6862,
39.3829

■ 46.7987, 44.8102,
48.6028

■ 27.8248, 35.2592,
37.3038

■ 52.0998, 47.4923,
51.1413

■ 25.4042, 34.0529,
35.3120

■ 57.9424, 50.4520,
53.7759

■ 23.3913, 33.0553,
33.4055

■ 64.3417, 53.6972,
56.5081

■ 21.7607, 32.2534,
31.5826

■ 65.7342, 54.3596,
59.0780

■ 20.4842, 31.6326,
29.8411

■ 66.2280, 54.5571,
61.6785

■ 19.5294, 31.1762,
28.1790

■ 66.7359, 54.7602,
64.3530

■ 18.8579, 30.8644,
26.5936

■ 67.2579, 54.9691,
67.1019

Harmonies

Analogous

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



37.8229, 40.2436, 43.1011



37.7550, 40.2436, 43.8081



37.8193, 40.2436, 44.5256

Triad

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



37.7550, 40.2436, 43.8081



38.4965, 40.2436, 45.0692



38.5028, 40.2436, 42.6012

Complementary

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



37.7550, 40.2436, 43.8081



37.6827, 39.1236, 42.6134

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.



38.6846, 40.2436, 43.1188



37.7550, 40.2436, 43.8081



38.6810, 40.2436, 44.5437

Square

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



37.7550, 40.2436, 43.8081



38.2467, 40.2436, 45.2587



38.7500, 40.2436, 43.8288



38.2539, 40.2436, 42.4091

Rectangle

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



37.7550, 40.2436, 43.8081



37.9287, 40.2436, 44.9122



38.7500, 40.2436, 43.8288



38.5738, 40.2436, 42.7426

Sweetspot

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



37.7561, 40.2453, 43.8090



68.5756, 72.5573, 79.0029



37.7020, 40.2498, 42.3418



15.3017, 16.1851, 17.6231



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.7561, 40.2453, 43.8090



67.1054, 71.8164, 78.1621



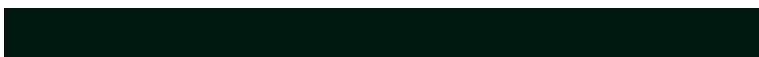
37.6756, 39.9318, 44.2520



8.6447, 9.2866, 10.1053



13.9452, 23.1434, 19.2830



0.4082, 0.6519, 0.6429

Inverse Universe

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



37.6827, 39.1236, 42.6134



66.9347, 69.2085, 75.3823



37.7614, 39.4299, 42.1804



8.6178, 8.8756, 9.6672



13.0056, 6.6648, 2.4089



0.3837, 0.1942, 0.1824

Previews

White Background



This preview shows how the XYZ color 37.7550, 40.2436, 43.8081 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 37.7550, 40.2436, 43.8081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

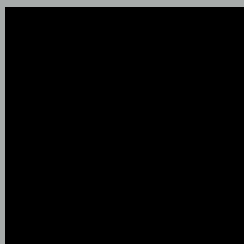
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

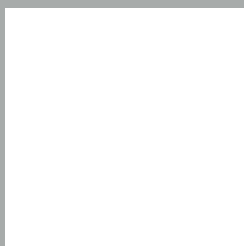
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7550, 40.2436, 43.8081

Background



This preview shows how black text looks on a background with the XYZ color 37.7550, 40.2436, 43.8081.



This preview shows how white text looks on a background with the XYZ color 37.7550, 40.2436,

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

37.7550, 40.2436, 43.8081

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

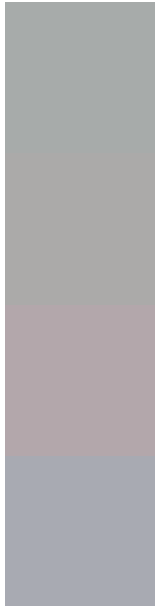
41.0555, 40.2896, 44.1409



Tritanopia

38.9937, 40.1883, 49.9579

Trichromacy



Original Color

37.7550, 40.2436, 43.8081

Protanomaly

38.3307, 40.2720, 43.2891

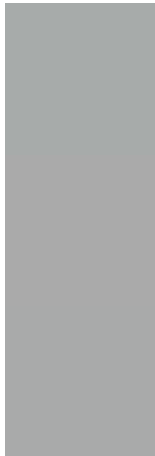
Deuteranomaly

39.7598, 40.1614, 44.1844

Tritanomaly

38.5591, 40.2886, 47.8637

Monochromacy



Original Color

37.7550, 40.2436, 43.8081

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9926, 40.0867, 43.7653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7550, 40.2436, 43.8081 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(167, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 170)  
}
```

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(167, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.7550, 40.2436, 43.8081 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(167, 171, 170) }
```


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

```
.border{ border-color:rgb(167, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7550, 40.2436, 43.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 170) }
```

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

```
.background{ background-color: rgb(167,  
171, 170) }
```

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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