

Converting Colors

XYZ(37.3013, 43.1865, 40.4800)

Have a look what the booklet for
XYZ(37.3013, 43.1865, 40.4800)
contains.

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Color

**XYZ(37.3501, 43.3336,
40.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB6A2
RGB	158, 182, 162
RGB Percent	62%, 71%, 64%
CMY	0.3804, 0.2863, 0.3647
CMYK	0.13, 0.00, 0.11, 0.29
HSL	130°, 14%, 67%
HSV	130°, 13%, 71%
XYZ	37.3501, 43.3336, 40.5781
YIQ	172.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

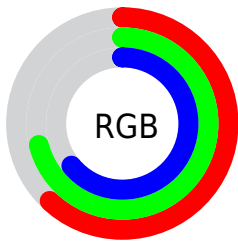
Format	Color
RYB	158, 179, 182
Decimal	10401442
CIELab	71.78, -12.14, 7.42
CIELCh	72, 14.224, 148.557
Yxy	43.3336, 0.3080, 0.3574
Android (android.graphics.Color)	4288591522 (0xFF9EB6A2)
YUV	172.5440, -5.1982, -12.7551
Hunter-Lab	65.8283, -13.9209, 9.5320

Details

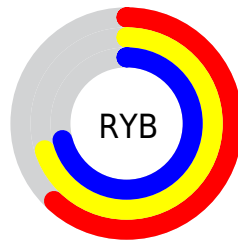
The XYZ color **37.3501, 43.3336, 40.5781** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5557, 37.6143, 47.2970**, and the grayscale version is **39.5179, 41.5759, 45.2761**.

A 20% lighter version of the original color is **70.5395, 80.3050, 77.4282**, and **16.6086, 19.8905, 17.7157** is the 20% darker color. If you saturate the color by 10%, you get **32.7639, 41.1171, 33.7452**, and if you desaturate by 10%, it is **42.6316, 45.8922, 48.2943**.

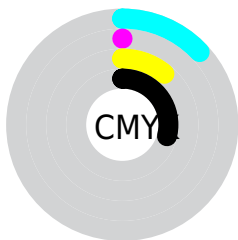
Distribution



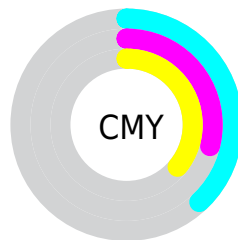
- Red (62%)
- Green (71%)
- Blue (64%)



- Red (62%)
- Yellow (70%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3501, 43.3336, 40.5781 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 37.3501, 43.3336, 40.5781 by changing the saturation by 10% instead.


 37.3501, 43.3336,
40.5781


 37.3501, 43.3336,
40.5781


326.1531,
359.9819, 364.1785

 25.6536, 30.1470,
27.6724


 70.4213, 80.2140,
77.2897

 16.6960, 19.9502,
17.8419


 92.5266, 104.6766,
101.9327

 10.1119, 12.3588,
10.6683

118.8323,
133.6666, 131.3251

 5.5361, 6.9885,
5.7329

149.7037,
167.5684, 165.8856

 2.6030, 3.4549,
2.6172

185.5061,
206.7665, 206.0326

 0.9475, 1.3736,
0.9013

226.6049,

 0.0000, 0.1971,

251.6452, 252.1847

0.0000

273.3654,
302.5888, 304.7605

■ 0.0000, 0.0000,
0.0000

■ 37.3501, 43.3336,
40.5781

■ 37.3501, 43.3336,
40.5781

■ 32.7639, 41.1171,
33.7452

■ 42.6316, 45.8922,
48.2943

■ 28.8404, 39.2228,
27.7612

■ 48.6320, 48.8008,
56.9209

■ 25.5498, 37.6374,
22.5940

■ 55.3783, 52.0739,
66.4871

■ 22.8585, 36.3443,
18.2079

■ 62.8951, 55.7236,
77.0201

■ 20.7298, 35.3253,
14.5650

■ 71.2056, 59.7614,
88.5461

■ 19.1230, 34.5604,
11.6238

■ 75.6992, 61.8097,
100.8733

■ 17.9915, 34.0265,
9.3392

■ 76.0188, 61.9375,
102.5563

■ 17.2804, 33.6963,
7.6604

■ 16.9674, 33.5530,
6.8327

Harmonies

Analogous

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



39.0065, 43.3336, 36.4364



37.3501, 43.3336, 40.5781



36.7161, 43.3336, 46.8487

Triad

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



37.3501, 43.3336, 40.5781



41.0704, 43.3336, 61.7702



45.4034, 43.3336, 41.1051

Complementary

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



37.3501, 43.3336, 40.5781



39.5557, 37.6143, 47.2970

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.



46.0075, 43.3336, 47.5187



37.3501, 43.3336, 40.5781



43.4479, 43.3336, 59.8585

Square

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



37.3501, 43.3336, 40.5781



38.8114, 43.3336, 59.4668



45.2787, 43.3336, 54.4682



43.6582, 43.3336, 36.7191

Rectangle

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



37.3501, 43.3336, 40.5781



36.9389, 43.3336, 51.5444



45.2787, 43.3336, 54.4682



45.7496, 43.3336, 43.0746

Sweetspot

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



37.3513, 43.3354, 40.5791



76.3931, 82.7652, 86.2571



41.3533, 45.4390, 38.9394



16.7056, 18.1992, 18.8086



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.



37.3513, 43.3354, 40.5791



65.0190, 77.2590, 69.5789



38.4309, 43.7673, 46.2642



8.9498, 10.0839, 9.8930



11.9987, 23.7004, 4.9150



0.4421, 0.8431, 0.2737

Inverse Universe

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



39.5557, 37.6143, 47.2970



69.8453, 64.7318, 84.2861



38.4393, 37.1677, 41.4183



9.3149, 9.1363, 11.0058



17.6276, 8.6248, 21.7238



0.6387, 0.3110, 0.8568

Previews

White Background



This preview shows how the XYZ color 37.3501, 43.3336, 40.5781 looks on a white background.

Color Contrast Check

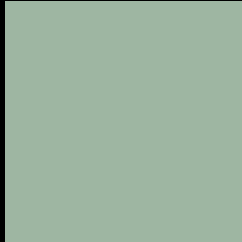
Large Text (above 18pt) WCAG AA × Fail

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 37.3501, 43.3336, 40.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

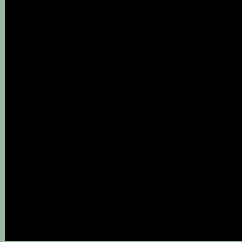
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

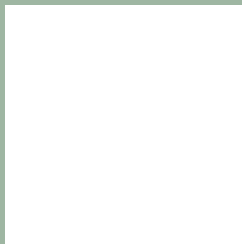
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3501, 43.3336, 40.5781

Background



This preview shows how black text looks on a background with the XYZ color 37.3501, 43.3336, 40.5781.



This preview shows how white text looks on a background with the XYZ color 37.3501, 43.3336,

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

37.3501, 43.3336, 40.5781

Protanopia

41.0300, 43.1958, 38.5229

Deuteranopia

44.1922, 43.3364, 41.6329



Tritanopia

40.5391, 43.4331, 56.1160

Trichromacy



Original Color

37.3501, 43.3336, 40.5781

Protanomaly

39.6340, 43.3427, 39.0779

Deuteranomaly

41.3653, 43.0197, 41.2454

Tritanomaly

39.1585, 43.1535, 49.9816

Monochromacy



Original Color

37.3501, 43.3336, 40.5781

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.8352, 42.2401, 43.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3501, 43.3336, 40.5781 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(158, 182, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 182, 162)  
}
```

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(158, 182, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 182, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.3501, 43.3336, 40.5781 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(158, 182, 162) }
```


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

```
.border{ border-color:rgb(158, 182, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 182, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 182, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 182, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 182,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3501, 43.3336, 40.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 182, 162) }
```

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

```
.background{ background-color: rgb(158,  
182, 162) }
```

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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