

Converting Colors

XYZ(37.3528, 43.8642, 38.2206)

Have a look what the booklet for
XYZ(37.3528, 43.8642, 38.2206)
contains.

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Color

**XYZ(37.5244, 44.0862,
38.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB89D
RGB	159, 184, 157
RGB Percent	62%, 72%, 62%
CMY	0.3765, 0.2784, 0.3843
CMYK	0.14, 0.00, 0.15, 0.28
HSL	116°, 16%, 67%
HSV	116°, 15%, 72%
XYZ	37.5244, 44.0862, 38.4300
YIQ	173.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

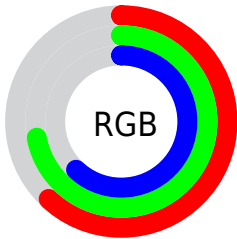
Format	Color
RYB	157, 184, 182
Decimal	10467485
CIELab	72.29, -13.74, 10.88
CIElCh	72, 17.527, 141.643
Yxy	44.0862, 0.3126, 0.3673
Android (android.graphics.Color)	4288657565 (0xFF9FB89D)
YUV	173.4470, -8.1084, -12.6700
Hunter-Lab	66.3974, -15.3165, 12.1619

Details

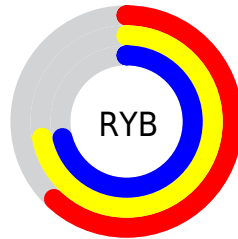
The XYZ color **37.5244, 44.0862, 38.4300** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.0017, 37.5209, 50.4835**, and the grayscale version is **39.9922, 42.0749, 45.8195**.

A 20% lighter version of the original color is **70.7753, 81.3698, 74.2630**, and **16.7812, 20.3990, 16.6886** is the 20% darker color. If you saturate the color by 10%, you get **32.9215, 41.8827, 30.6225**, and if you desaturate by 10%, it is **42.8320, 46.6283, 47.5073**.

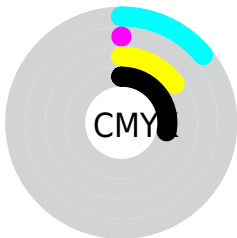
Distribution



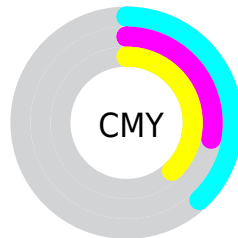
- Red (62%)
- Green (72%)
- Blue (62%)



- Red (62%)
- Yellow (72%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (38%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5244, 44.0862, 38.4300 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 37.5244, 44.0862, 38.4300 by changing the saturation by 10% instead.

■ 37.5244, 44.0862,
38.4300

■ 37.5244, 44.0862,
38.4300

326.8916,
363.0599, 354.8143

■ 25.7893, 30.7383,
26.0122

■ 70.6872, 81.3474,
73.9775

■ 16.7979, 20.3996,
16.6069

■ 92.8456, 106.0295,
97.9442

■ 10.1849, 12.6859,
9.7956

119.2092,
135.2585, 126.5976

■ 5.5850, 7.2126,
5.1598

150.1432,
169.4187, 160.3563

■ 2.6326, 3.5954,
2.2810

186.0131,
208.8946, 199.6387

■ 0.9626, 1.4499,
0.7205

227.1843,

■ 0.0000, 0.2531,

254.0705, 244.8636

0.0000

274.0220,
305.3308, 296.4492

■ 0.0000, 0.0000,
0.0000

■ 37.5244, 44.0862,
38.4300

■ 37.5244, 44.0862,
38.4300

■ 32.9215, 41.8827,
30.6225

■ 42.8320, 46.6283,
47.5073

■ 28.9904, 39.9980,
24.0256

■ 48.8686, 49.5163,
57.9045

■ 25.7005, 38.4192,
18.5796

■ 55.6614, 52.7647,
69.6724

■ 23.0179, 37.1300,
14.2184

■ 63.2355, 56.3853,
82.8583

■ 20.9051, 36.1127,
10.8696

■ 71.6147, 60.3894,
97.5071

■ 19.3210, 35.3479,
8.4516

■ 76.4313, 62.7626,
102.6938

■ 18.2182, 34.8133,
6.8706

■ 17.5415, 34.4828,
6.0127

■ 17.3167, 34.3731,
5.7220

Harmonies

Analogous

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



39.8033, 44.0862, 34.1802



37.5244, 44.0862, 38.4300



36.4312, 44.0862, 45.6324

Triad

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



37.5244, 44.0862, 38.4300



41.0667, 44.0862, 66.3482



47.5181, 44.0862, 42.1427

Complementary

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



37.5244, 44.0862, 38.4300



40.0017, 37.5209, 50.4835

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.



47.8961, 44.0862, 50.4531



37.5244, 44.0862, 38.4300



44.0745, 44.0862, 65.1238

Square

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



37.5244, 44.0862, 38.4300



38.4113, 44.0862, 62.2146



46.6088, 44.0862, 59.0453



45.5993, 44.0862, 36.1383

Rectangle

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



37.5244, 44.0862, 38.4300



36.4838, 44.0862, 51.4271



46.6088, 44.0862, 59.0453



47.8331, 44.0862, 44.7332

Sweetspot

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



37.5256, 44.0881, 38.4310



78.2681, 84.8225, 87.1926



42.5316, 45.9803, 38.5324



16.7063, 18.2062, 18.5107



88.6918, 93.3107, 101.6153



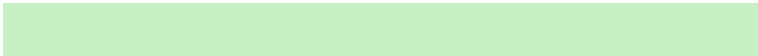
17.8044, 18.7317, 20.3988

Same Dimension

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



37.5256, 44.0881, 38.4310



64.8514, 78.3994, 64.2703



38.1377, 44.2875, 43.7075



8.9503, 10.0910, 9.5829



11.9581, 23.7009, 3.9445



0.4424, 0.8463, 0.1400

Inverse Universe

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



40.0017, 37.5209, 50.4835



70.3085, 63.9230, 90.8373



39.3443, 37.3128, 44.5384



9.3135, 9.1280, 11.3504



17.4694, 8.3170, 31.9377



0.6355, 0.3033, 1.1268

Previews

White Background



This preview shows how the XYZ color 37.5244, 44.0862, 38.4300 looks on a white background.

Color Contrast Check

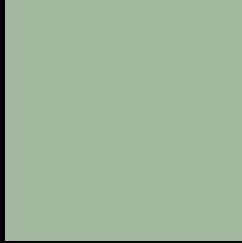
Large Text (above 18pt) WCAG AA × Fail

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 37.5244, 44.0862, 38.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

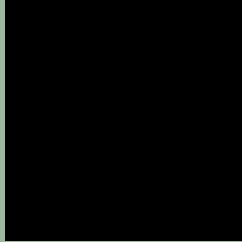
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

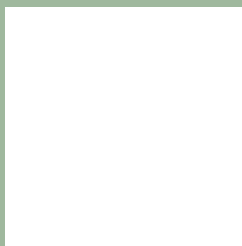
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5244, 44.0862, 38.4300

Background



This preview shows how black text looks on a background with the XYZ color 37.5244, 44.0862, 38.4300.



This preview shows how white text looks on a background with the XYZ color 37.5244, 44.0862,

38.4300.

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

37.5244, 44.0862, 38.4300

Protanopia

41.5248, 43.7897, 36.4007

Deuteranopia

44.7275, 43.9432, 39.3822



Tritanopia

41.2628, 44.0898, 56.7875

Trichromacy



Original Color

37.5244, 44.0862, 38.4300

Protanomaly

39.8573, 43.8034, 36.9260

Deuteranomaly

41.7909, 43.8682, 39.0657

Tritanomaly

39.8663, 44.1296, 49.5967

Monochromacy



Original Color

37.5244, 44.0862, 38.4300

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.8456, 42.5591, 42.7266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5244, 44.0862, 38.4300 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(159, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(159, 184, 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(159, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 184, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.5244, 44.0862, 38.4300 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(159, 184, 157) }
```


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

```
.border{ border-color:rgb(159, 184, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 184, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(159, 184,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5244, 44.0862, 38.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 184, 157) }
```

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

```
.background{ background-color: rgb(159,  
184, 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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