

Converting Colors

XYZ(35.4136, 38.9313, 36.5126)

Have a look what the booklet for
XYZ(35.4136, 38.9313, 36.5126)
contains.

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Color

**XYZ(35.3954, 38.9025,
36.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AA9B
RGB	163, 170, 155
RGB Percent	64%, 67%, 61%
CMY	0.3608, 0.3333, 0.3922
CMYK	0.04, 0.00, 0.09, 0.33
HSL	88°, 8%, 64%
HSV	88°, 9%, 67%
XYZ	35.3954, 38.9025, 36.6538
YIQ	166.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

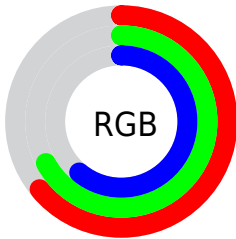
Format	Color
RYB	155, 170, 162
Decimal	10726043
CIELab	68.68, -5.28, 6.87
CIELCh	69, 8.664, 127.512
Yxy	38.9025, 0.3190, 0.3506
Android (android.graphics.Color)	4288916123 (0xFFA3AA9B)
YUV	166.1970, -5.5201, -2.8038
Hunter-Lab	62.3719, -7.8538, 8.8176

Details

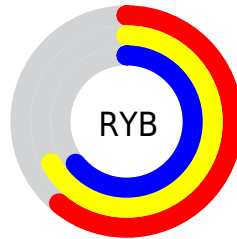
The XYZ color **35.3954, 38.9025, 36.6538** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8788, 34.0274, 42.8145**, and the grayscale version is **36.3673, 38.2613, 41.6665**.

A 20% lighter version of the original color is **67.3473, 73.3593, 70.9318**, and **15.5327, 17.3359, 15.6242** is the 20% darker color. If you saturate the color by 10%, you get **32.4932, 37.5610, 29.5826**, and if you desaturate by 10%, it is **38.6028, 40.3804, 44.7903**.

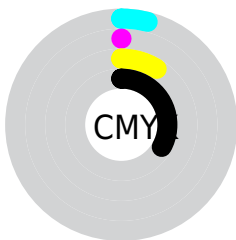
Distribution



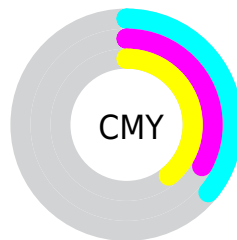
- Red (64%)
- Green (67%)
- Blue (61%)



- Red (61%)
- Yellow (67%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3954, 38.9025, 36.6538 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 35.3954, 38.9025, 36.6538 by changing the saturation by 10% instead.

■ 35.3954, 38.9025,
36.6538

■ 35.3954, 38.9025,
36.6538

317.7877,
341.4758, 346.9327

■ 24.1356, 26.6839,
24.6459

■ 67.4278, 73.4893,
71.2204

■ 15.5595, 17.3360,
15.5968

■ 88.9312, 96.6264,
94.6161

■ 9.3018, 10.4743,
9.0880

114.5797,
124.1717, 122.6448

■ 4.9973, 5.7146,
4.7011

144.7387,
156.5096, 155.7251

■ 2.2804, 2.6723,
2.0173

179.7737,
194.0246, 194.2755

■ 0.7846, 0.9631,
0.5659

220.0500,

■ 0.0000, 0.0000,

237.1010, 238.7146

0.0000

265.9329,
286.1233, 289.4608

■ 35.3954, 38.9025,
36.6538

■ 35.3954, 38.9025,
36.6538

■ 32.4932, 37.5610,
29.5826

■ 38.6028, 40.3804,
44.7903

■ 29.8827, 36.3465,
23.5300

■ 42.1218, 41.9936,
54.0309

■ 27.5542, 35.2562,
18.4496

■ 45.9627, 43.7478,
64.4159

■ 25.4961, 34.2851,
14.2907

■ 50.1344, 45.6466,
75.9825

■ 23.6958, 33.4280,
10.9976

■ 54.6451, 47.6937,
88.7664

■ 22.1395, 32.6792,
8.5089

■ 59.1788, 49.7628,
101.0939

■ 20.8120, 32.0323,
6.7549

■ 61.5033, 50.9611,
101.2026

■ 19.6954, 31.4799,
5.6542

■ 63.9415, 52.2180,
101.3167

■ 18.7585, 31.0092,
5.0541

■ 66.4950, 53.5344,
101.4362

Harmonies

Analogous

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



36.6325, 38.9025, 35.3133



35.3954, 38.9025, 36.6538



34.5958, 38.9025, 39.5389

Triad

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



35.3954, 38.9025, 36.6538



35.9777, 38.9025, 49.7146



39.6480, 38.9025, 41.3800

Complementary

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



35.3954, 38.9025, 36.6538



33.8788, 34.0274, 42.8145

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.



39.4622, 38.9025, 45.3084



35.3954, 38.9025, 36.6538



37.3210, 38.9025, 50.2827

Square

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



35.3954, 38.9025, 36.6538



34.9262, 38.9025, 47.1179



38.6023, 38.9025, 48.6257



39.1038, 38.9025, 37.9303

Rectangle

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



35.3954, 38.9025, 36.6538



34.4070, 38.9025, 42.0317



38.6023, 38.9025, 48.6257



39.6691, 38.9025, 42.6864

Sweetspot

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



35.3965, 38.9042, 36.6546



67.5085, 72.0995, 74.7796



35.4157, 36.7547, 36.2387



14.9512, 16.0309, 16.4134



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.



35.3965, 38.9042, 36.6546



62.9200, 69.9837, 63.2839



33.9060, 38.1358, 36.5849



7.8043, 8.5972, 8.0374



13.7874, 22.8049, 3.6751



0.3937, 0.5849, 0.0921

Inverse Universe

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



33.8788, 34.0274, 42.8145



59.4810, 58.9331, 77.2421



35.4482, 34.8365, 42.8879



7.4522, 7.4657, 9.4666



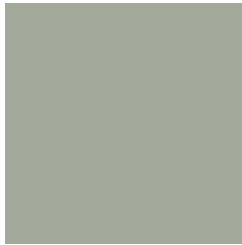
7.7942, 3.4015, 28.2212



0.2491, 0.1134, 0.6894

Previews

White Background



This preview shows how the XYZ color 35.3954, 38.9025, 36.6538 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 35.3954, 38.9025, 36.6538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

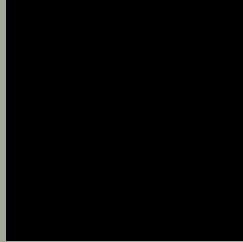
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

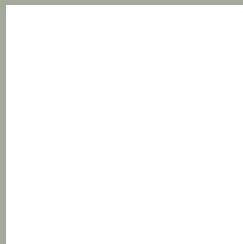
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3954, 38.9025, 36.6538

Background



This preview shows how black text looks on a background with the XYZ color 35.3954, 38.9025, 36.6538.



This preview shows how white text looks on a background with the XYZ color 35.3954, 38.9025,

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

35.3954, 38.9025, 36.6538

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

39.7452, 38.9663, 37.3247



Tritanopia

37.8108, 38.7832, 48.6731

Trichromacy



Original Color

35.3954, 38.9025, 36.6538

Protanomaly

36.4129, 38.8844, 36.1581

Deuteranomaly

38.0463, 38.8943, 36.9546

Tritanomaly

36.8953, 38.6847, 44.0504

Monochromacy



Original Color

35.3954, 38.9025, 36.6538

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8574, 38.2454, 39.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3954, 38.9025, 36.6538 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(163, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(163, 170, 155)  
}
```

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(163, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 170, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.3954, 38.9025, 36.6538 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(163, 170, 155) }
```


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

```
.border{ border-color:rgb(163, 170, 155) }
```

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

Here you see how a box with a 4 pixel rgb(163, 170, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(163, 170,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3954, 38.9025, 36.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 170, 155) }
```

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

```
.background{ background-color: rgb(163,  
170, 155) }
```

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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