

Converting Colors

XYZ(35.2396, 43.7678, 37.5658)

Have a look what the booklet for
XYZ(35.2396, 43.7678, 37.5658)
contains.

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Color

**XYZ(35.3638, 43.9269,
37.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	91BB9B
RGB	145, 187, 155
RGB Percent	57%, 73%, 61%
CMY	0.4314, 0.2667, 0.3922
CMYK	0.22, 0.00, 0.17, 0.27
HSL	134°, 24%, 65%
HSV	134°, 22%, 73%
XYZ	35.3638, 43.9269, 37.6252
YIQ	170.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

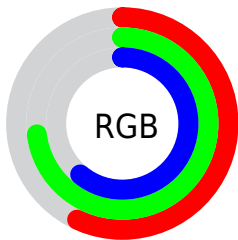
Format	Color
RYB	145, 179, 187
Decimal	9550747
CIELab	72.18, -20.46, 11.69
CIELCh	72, 23.567, 150.271
Yxy	43.9269, 0.3025, 0.3757
Android (android.graphics.Color)	4287740827 (0xFF91BB9B)
YUV	170.7940, -7.7864, -22.6213
Hunter-Lab	66.2774, -20.7427, 12.7356

Details

The XYZ color **35.3638, 43.9269, 37.6252** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.5563, 33.9911, 46.1258**, and the grayscale version is **38.6494, 40.6622, 44.2811**.

A 20% lighter version of the original color is **67.1124, 80.8467, 72.3894**, and **15.6399, 20.4294, 16.2157** is the 20% darker color. If you saturate the color by 10%, you get **31.2092, 41.9166, 31.5490**, and if you desaturate by 10%, it is **40.2044, 46.2771, 44.4725**.

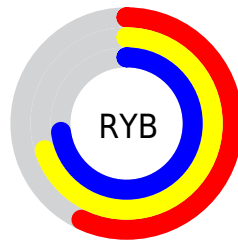
Distribution



Red (57%)

Green (73%)

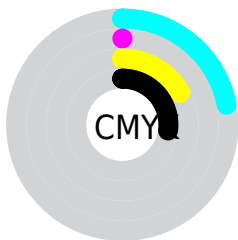
Blue (61%)



Red (57%)

Yellow (70%)

Blue (73%)

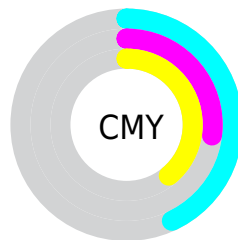


Cyan (22%)

Magenta (0%)

Yellow (17%)

Black (27%)



Cyan (43%)


Magenta (27%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3638, 43.9269, 37.6252 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 35.3638, 43.9269, 37.6252 by changing the saturation by 10% instead.

 35.3638, 43.9269,
37.6252


 35.3638, 43.9269,
37.6252


317.6512,
362.4099, 351.2593

 24.1111, 30.6130,
25.3924


 67.3793, 81.1077,
72.7303

 15.5412, 20.3044,
16.1479

 88.8728, 105.7435,
96.4397

 9.2889, 12.6165,
9.4734


114.5105,
134.9220, 124.8117

 4.9887, 7.1650,
4.9502

144.6579,
169.0277, 158.2648

 2.2753, 3.5655,
2.1599

179.6803,
208.4449, 197.2176

 0.7820, 1.4336,
0.6511

219.9431,

 0.0000, 0.2413,

253.5581, 242.0885

0.0000

265.8116,
304.7516, 293.2963

■ 0.0000, 0.0000,
0.0000

■ 35.3638, 43.9269,
37.6252

■ 35.3638, 43.9269,
37.6252

■ 31.2092, 41.9166,
31.5490

■ 40.2044, 46.2771,
44.4725

■ 27.7056, 40.2249,
26.2139

■ 45.7569, 48.9761,
52.1136

■ 24.8204, 38.8368,
21.5924

■ 52.0499, 52.0395,
60.5740

■ 22.5164, 37.7338,
17.6541

■ 59.1097, 55.4804,
69.8769

■ 20.7526, 36.8955,
14.3662

■ 66.9611, 59.3110,
80.0450

■ 19.4821, 36.2983,
11.6934

■ 74.8123, 63.1227,
91.0616

■ 18.6497, 35.9148,
9.5970

■ 77.0191, 64.0054,
102.6824

■ 18.2356, 35.7280,
8.3697

■ 77.0611, 64.0222,
102.9037

Harmonies

Analogous

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



37.9575, 43.9269, 31.0765



35.3638, 43.9269, 37.6252



34.4566, 43.9269, 47.9340

Triad

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



35.3638, 43.9269, 37.6252



41.7879, 43.9269, 73.6963



48.8241, 43.9269, 37.4704

Complementary

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



35.3638, 43.9269, 37.6252



38.5563, 33.9911, 46.1258

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.



50.0088, 43.9269, 47.7240



35.3638, 43.9269, 37.6252



45.7897, 43.9269, 69.7246

Square

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



35.3638, 43.9269, 37.6252



38.0171, 43.9269, 69.8597



48.8648, 43.9269, 59.7284



45.7221, 43.9269, 30.9978

Rectangle

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



35.3638, 43.9269, 37.6252



34.8815, 43.9269, 55.9559



48.8648, 43.9269, 59.7284



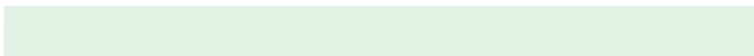
49.4684, 43.9269, 40.5296

Sweetspot

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



35.3650, 43.9287, 37.6262



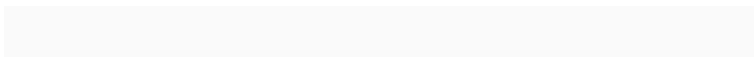
77.1582, 85.3834, 86.7843



41.0599, 46.9576, 33.6884



16.8595, 18.7387, 18.9297



90.7827, 95.5105, 104.0109



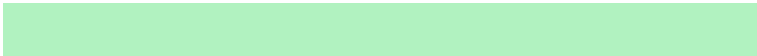
18.6292, 19.5994, 21.3438

Same Dimension

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



35.3650, 43.9287, 37.6262



59.4827, 76.8060, 61.8004



37.2655, 44.6889, 47.6340



9.4994, 10.6859, 10.6133



12.5880, 24.6255, 5.8932



0.5195, 0.9752, 0.3700

Inverse Universe

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



38.5563, 33.9911, 46.1258



66.2156, 55.8319, 79.7268



36.6380, 33.2237, 36.0241



9.8302, 9.6564, 11.4948



17.5384, 8.6465, 18.6604



0.7109, 0.3483, 0.8570

Previews

White Background



This preview shows how the XYZ color 35.3638, 43.9269, 37.6252 looks on a white background.

Color Contrast Check

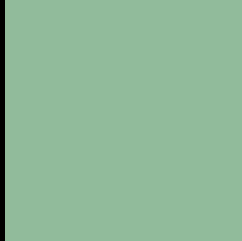
Large Text (above 18pt) WCAG AA × Fail

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 35.3638, 43.9269, 37.6252 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

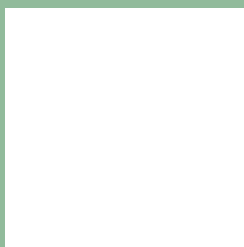
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3638, 43.9269, 37.6252

Background



This preview shows how black text looks on a background with the XYZ color 35.3638, 43.9269, 37.6252.



This preview shows how white text looks on a background with the XYZ color 35.3638, 43.9269,

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

35.3638, 43.9269, 37.6252

Protanopia

41.1998, 43.6597, 34.6895

Deuteranopia

44.4522, 43.5320, 38.8605



Tritanopia

39.4366, 43.7087, 58.5826

Trichromacy



Original Color

35.3638, 43.9269, 37.6252

Protanomaly

38.7018, 43.5348, 35.6414

Deuteranomaly

40.5193, 43.2226, 38.5550

Tritanomaly

37.6684, 43.5927, 50.1450

Monochromacy



Original Color

35.3638, 43.9269, 37.6252

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.4140, 41.8423, 41.7018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3638, 43.9269, 37.6252 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(145, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(145, 187, 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(145, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 187, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.3638, 43.9269, 37.6252 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(145, 187, 155) }
```


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

```
.border{ border-color:rgb(145, 187, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 187, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(145, 187,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3638, 43.9269, 37.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 187, 155) }
```

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

```
.background{ background-color: rgb(145,  
187, 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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