

Converting Colors

XYZ(38.6690, 43.4582, 35.6285)

Have a look what the booklet for
XYZ(38.6690, 43.4582, 35.6285)
contains.

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Color

**XYZ(38.7018, 43.5348,
35.6414)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB497
RGB	171, 180, 151
RGB Percent	67%, 71%, 59%
CMY	0.3294, 0.2941, 0.4078
CMYK	0.05, 0.00, 0.16, 0.29
HSL	79°, 16%, 65%
HSV	79°, 16%, 71%
XYZ	38.7018, 43.5348, 35.6414
YIQ	174.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

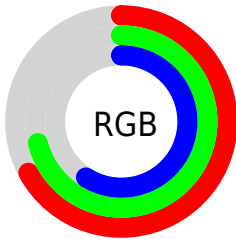
Format	Color
RYB	151, 180, 160
Decimal	11252887
CIELab	71.92, -8.35, 13.74
CIELCh	72, 16.084, 121.292
Yxy	43.5348, 0.3283, 0.3693
Android (android.graphics.Color)	4289442967 (0xFFABB497)
YUV	174.0030, -11.3405, -2.6336
Hunter-Lab	65.9809, -10.7655, 14.1595

Details

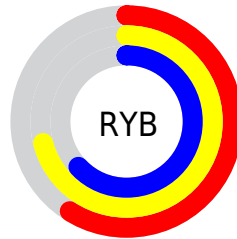
The XYZ color **38.7018, 43.5348, 35.6414** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8037, 32.9032, 47.7516**, and the grayscale version is **40.2896, 42.3878, 46.1604**.

A 20% lighter version of the original color is **72.3789, 80.5674, 69.4939**, and **17.4974, 20.0208, 14.9988** is the 20% darker color. If you saturate the color by 10%, you get **36.1590, 42.3814, 28.4653**, and if you desaturate by 10%, it is **41.5217, 44.8078, 43.9974**.

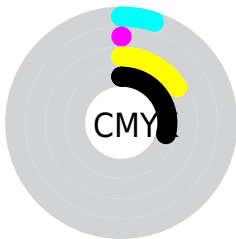
Distribution



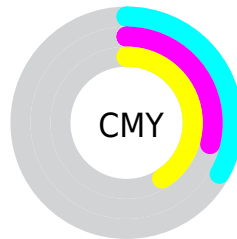
- Red (67%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7018, 43.5348, 35.6414 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 38.7018, 43.5348, 35.6414 by changing the saturation by 10% instead.

■ 38.7018, 43.5348,
35.6414

■ 38.7018, 43.5348,
35.6414

331.8500,
360.8065, 342.3803

■ 26.7075, 30.3050,
23.8699

■ 72.4795, 80.5173,
69.6410

■ 17.4891, 20.0702,
15.0258

■ 94.9937, 105.0387,
92.7062

■ 10.6813, 12.4461,
8.6907

121.7452,
134.0927, 120.3730

■ 5.9187, 7.0482,
4.4459

153.0994,
168.0638, 153.0600

■ 2.8359, 3.4923,
1.8730

189.4216,
207.3364, 191.1856

■ 1.0676, 1.3938,
0.4755

231.0772,

■ 0.0000, 0.2122,

252.2947, 235.1686

0.0000

278.4316,
303.3233, 285.4273

■ 0.0000, 0.0000,
0.0000

■ 38.7018, 43.5348,
35.6414

■ 38.7018, 43.5348,
35.6414

■ 36.1590, 42.3814,
28.4653

■ 41.5217, 44.8078,
43.9974

■ 33.8790, 41.3377,
22.4132

■ 44.6252, 46.1988,
53.5803

■ 31.8515, 40.4007,
17.4287

■ 48.0230, 47.7136,
64.4379

■ 30.0640, 39.5654,
13.4494

■ 51.7241, 49.3559,
76.6148

■ 28.5028, 38.8263,
10.4068

■ 55.7372, 51.1293,
90.1532

■ 27.1526, 38.1772,
8.2232

■ 59.4189, 52.7764,
101.6629

■ 25.9955, 37.6108,
6.8091

■ 60.9835, 53.5829,
101.7361

■ 25.0087, 37.1179,
6.0473

■ 62.6035, 54.4181,
101.8119

■ 24.6525, 36.9387,
5.8306

■ 64.2797, 55.2822,
101.8904

Harmonies

Analogous

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



41.2598, 43.5348, 33.8601



38.7018, 43.5348, 35.6414



36.9273, 43.5348, 40.5170

Triad

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



38.7018, 43.5348, 35.6414



38.8989, 43.5348, 61.9066



46.8727, 43.5348, 47.0626

Complementary

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



38.7018, 43.5348, 35.6414



33.8037, 32.9032, 47.7516

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.



46.1738, 43.5348, 55.0259



38.7018, 43.5348, 35.6414



41.4974, 43.5348, 64.1446

Square

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



38.7018, 43.5348, 35.6414



37.0375, 43.5348, 55.6793



44.1759, 43.5348, 61.5010



46.0462, 43.5348, 39.9886

Rectangle

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



38.7018, 43.5348, 35.6414



36.3859, 43.5348, 45.1539



44.1759, 43.5348, 61.5010



46.8082, 43.5348, 49.7235

Sweetspot

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



38.7030, 43.5367, 35.6423



75.8374, 81.4906, 81.4524



36.9287, 36.9767, 34.4697



16.3105, 17.5768, 17.3598



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.7030, 43.5367, 35.6423



68.6377, 78.2417, 60.2147



35.7742, 42.0269, 35.5053



8.9353, 9.7717, 9.0677



17.2764, 25.8164, 4.0725



0.6002, 0.8415, 0.1308

Inverse Universe

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



33.8037, 32.9032, 47.7516



58.2210, 55.6313, 85.9639



36.8065, 34.4512, 47.8921



8.2819, 8.3539, 10.6823



6.9450, 2.9161, 30.3338



0.2800, 0.1234, 0.9573

Previews

White Background



This preview shows how the XYZ color 38.7018, 43.5348, 35.6414 looks on a white background.

Color Contrast Check

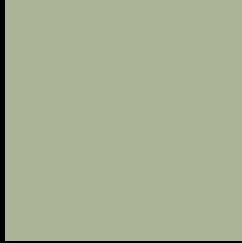
Large Text (above 18pt) WCAG AA × Fail

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 38.7018, 43.5348, 35.6414 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

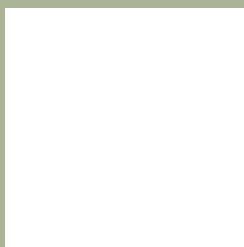
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7018, 43.5348, 35.6414

Background



This preview shows how black text looks on a background with the XYZ color 38.7018, 43.5348, 35.6414.



This preview shows how white text looks on a background with the XYZ color 38.7018, 43.5348,

35.6414.

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

38.7018, 43.5348, 35.6414

Protanopia

40.9577, 43.5349, 34.6781

Deuteranopia

44.2119, 43.4669, 36.1967



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

38.7018, 43.5348, 35.6414

Protanomaly

40.0496, 43.3496, 35.1106

Deuteranomaly

42.0388, 43.4863, 35.8838

Tritanomaly

40.9156, 43.5381, 46.8047

Monochromacy



Original Color

38.7018, 43.5348, 35.6414

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6418, 42.6881, 42.2267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7018, 43.5348, 35.6414 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(171, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 180, 151)  
}
```

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(171, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 180, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.7018, 43.5348, 35.6414 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(171, 180, 151) }
```


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

```
.border{ border-color:rgb(171, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(171, 180,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7018, 43.5348, 35.6414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 180, 151) }
```

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

```
.background{ background-color: rgb(171,  
180, 151) }
```

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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