

Converting Colors

XYZ(38.4251, 41.7749, 35.0645)

Have a look what the booklet for
XYZ(38.4251, 41.7749, 35.0645)
contains.

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Color

**XYZ(38.3203, 41.5881,
34.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAE96
RGB	175, 174, 150
RGB Percent	69%, 68%, 59%
CMY	0.3137, 0.3176, 0.4118
CMYK	0.00, 0.01, 0.14, 0.31
HSL	58°, 14%, 64%
HSV	58°, 14%, 69%
XYZ	38.3203, 41.5881, 34.8618
YIQ	171.5630, 8.3000, -7.2520

Conversions

Conversions Part 2

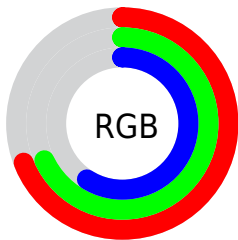
Format	Color
RYB	151, 175, 150
Decimal	11513494
CIELab	70.59, -3.84, 12.46
CIELCh	71, 13.041, 107.129
Yxy	41.5881, 0.3339, 0.3624
Android (android.graphics.Color)	4289703574 (0xFFFAFE96)
YUV	171.5630, -10.6306, 3.0142
Hunter-Lab	64.4888, -6.7879, 13.0908

Details

The XYZ color **38.3203, 41.5881, 34.8618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3821, 31.7118, 45.0248**, and the grayscale version is **39.0419, 41.0751, 44.7308**.

A 20% lighter version of the original color is **71.8734, 77.3872, 68.2758**, and **17.2377, 18.9575, 14.5550** is the 20% darker color. If you saturate the color by 10%, you get **36.8811, 40.7988, 27.9412**, and if you desaturate by 10%, it is **39.9729, 42.4667, 42.8929**.

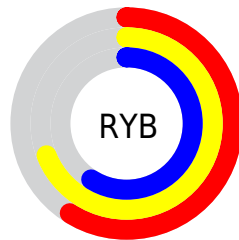
Distribution



Red (69%)

Green (68%)

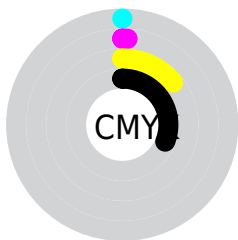
Blue (59%)



Red (59%)

Yellow (69%)

Blue (59%)

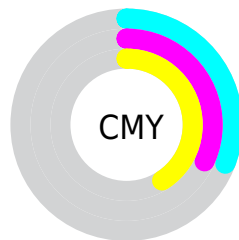


Cyan (0%)

Magenta (1%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3203, 41.5881, 34.8618 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 38.3203, 41.5881, 34.8618 by changing the saturation by 10% instead.


 38.3203, 41.5881,
34.8618


 38.3203, 41.5881,
34.8618


330.2491,
352.7726, 338.8436

 26.4097, 28.7789,
23.2737


 71.8995, 77.5758,
68.4208

 17.2647, 18.9136,
14.5886


 94.2989, 101.5232,
91.2287

 10.5199, 11.6079,
8.3877


120.9253,
129.9520, 118.6138

 5.8099, 6.4773,
4.2527

152.1440,
163.2468, 150.9944

 2.7694, 3.1374,
1.7650

188.3203,
201.7918, 188.7891

 1.0330, 1.2039,
0.4047

229.8197,

 0.0000, 0.0649,

245.9715, 232.4166

0.0000

277.0076,
296.1703, 282.2952

■ 0.0000, 0.0000,
0.0000

■ 38.3203, 41.5881,
34.8618

■ 38.3203, 41.5881,
34.8618

■ 36.8811, 40.7988,
27.9412

■ 39.9729, 42.4667,
42.8929

■ 35.6428, 40.0895,
22.0795

■ 41.8443, 43.4325,
52.0777

■ 34.5963, 39.4582,
17.2250

■ 43.9438, 44.4907,
62.4605

■ 33.7309, 38.9003,
13.3203

■ 46.2794, 45.6444,
74.0824

■ 33.0346, 38.4112,
10.3029

■ 48.8583, 46.8966,
86.9826

■ 32.4941, 37.9856,
8.1021

■ 51.6874, 48.2500,
101.1967

■ 32.0938, 37.6171,
6.6369

■ 51.8267, 48.5287,
101.2432

■ 31.8154, 37.2985,
5.8097

■ 51.9667, 48.8087,
101.2898

■ 31.6869, 37.1292,
5.4966

■ 52.1074, 49.0902,
101.3367

Harmonies

Analogous

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



40.4585, 41.5881, 34.6704



38.3203, 41.5881, 34.8618



36.5684, 41.5881, 37.6788

Triad

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



38.3203, 41.5881, 34.8618



36.7755, 41.5881, 54.5486



43.7071, 41.5881, 47.9776

Complementary

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



38.3203, 41.5881, 34.8618



31.3821, 31.7118, 45.0248

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.



42.6436, 41.5881, 53.8457



38.3203, 41.5881, 34.8618



38.6124, 41.5881, 57.8649

Square

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



38.3203, 41.5881, 34.8618



35.6991, 41.5881, 48.8684



40.7613, 41.5881, 57.5965



43.6219, 41.5881, 41.8762

Rectangle

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



38.3203, 41.5881, 34.8618



35.8319, 41.5881, 40.8249



40.7613, 41.5881, 57.5965



43.4705, 41.5881, 50.0530

Sweetspot

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



38.3214, 41.5899, 34.8627



71.6575, 76.0912, 77.1522



34.1923, 33.1698, 33.9856



15.8747, 16.8849, 16.8940



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.3214, 41.5899, 34.8627



67.8165, 74.0432, 58.5030



36.0938, 40.7283, 34.8138



8.6349, 9.2746, 8.5484



22.7029, 26.6113, 3.9399



0.6398, 0.7567, 0.1123

Inverse Universe

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



31.3821, 31.7118, 45.0248



53.0813, 53.0677, 80.0823



33.3931, 32.5115, 45.0732



7.6036, 7.8065, 10.0587



5.6064, 2.3467, 29.2020



0.1641, 0.0815, 0.8151

Previews

White Background



This preview shows how the XYZ color 38.3203, 41.5881, 34.8618 looks on a white background.

Color Contrast Check

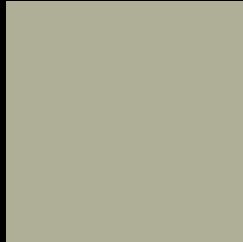
Large Text (above 18pt) WCAG AA × Fail

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 38.3203, 41.5881, 34.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

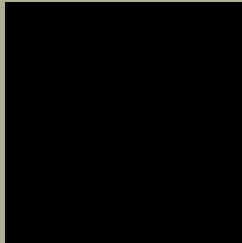
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

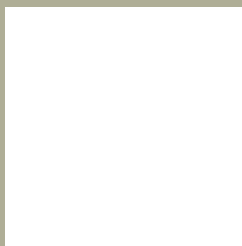
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3203, 41.5881, 34.8618

Background



This preview shows how black text looks on a background with the XYZ color 38.3203, 41.5881, 34.8618.



This preview shows how white text looks on a background with the XYZ color 38.3203, 41.5881,

34.8618.

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

38.3203, 41.5881, 34.8618

Protanopia

39.2334, 41.4987, 34.3760

Deuteranopia

42.3297, 41.4098, 35.4676



Tritanopia

41.5576, 41.4981, 50.6194

Trichromacy



Original Color

38.3203, 41.5881, 34.8618

Protanomaly

38.9588, 41.6408, 34.4179

Deuteranomaly

40.7601, 41.4291, 35.1265

Tritanomaly

40.2737, 41.5311, 44.4217

Monochromacy



Original Color

38.3203, 41.5881, 34.8618

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8780, 41.4517, 41.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3203, 41.5881, 34.8618 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(175, 174, 150)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 150)  
}
```

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(175, 174, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.3203, 41.5881, 34.8618 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(175, 174, 150) }
```


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

```
.border{ border-color:rgb(175, 174, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3203, 41.5881, 34.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 150) }
```

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

```
.background{ background-color: rgb(175,  
174, 150) }
```

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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