

Converting Colors

XYZ(43.5415, 52.8645, 41.7128)

Have a look what the booklet for
XYZ(43.5415, 52.8645, 41.7128)
contains.

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Color

**XYZ(43.4681, 52.6713,
41.5938)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C9A1
RGB	168, 201, 161
RGB Percent	66%, 79%, 63%
CMY	0.3412, 0.2117, 0.3686
CMYK	0.16, 0.00, 0.20, 0.21
HSL	110°, 27%, 71%
HSV	110°, 20%, 79%
XYZ	43.4681, 52.6713, 41.5938
YIQ	186.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

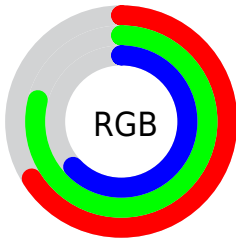
Format	Color
RYB	161, 201, 194
Decimal	11061665
CIELab	77.68, -18.57, 16.40
CIELCh	78, 24.776, 138.551
Yxy	52.6713, 0.3156, 0.3824
Android (android.graphics.Color)	4289251745 (0xFFA8C9A1)
YUV	186.5730, -12.6075, -16.2885
Hunter-Lab	72.5750, -20.0954, 16.8225

Details

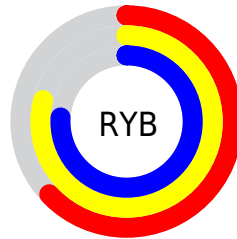
The XYZ color **43.4681, 52.6713, 41.5938** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5378, 41.1776, 60.8090**, and the grayscale version is **47.0662, 49.5173, 53.9244**.

A 20% lighter version of the original color is **78.8951, 92.3252, 78.6281**, and **20.2643, 25.6164, 18.3444** is the 20% darker color. If you saturate the color by 10%, you get **38.5282, 50.3148, 32.8419**, and if you desaturate by 10%, it is **49.1461, 55.3784, 51.8699**.

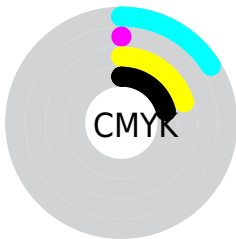
Distribution



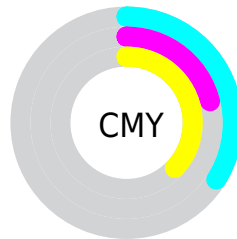
- Red (66%)
- Green (79%)
- Blue (63%)



- Red (63%)
- Yellow (79%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (34%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4681, 52.6713, 41.5938 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 43.4681, 52.6713, 41.5938 by changing the saturation by 10% instead.


 43.4681, 52.6713,
41.5938


 43.4681, 52.6713,
41.5938


351.4223,
397.0228, 368.5462

 30.4487, 37.5404,
28.4602


 79.6681, 94.1205,
78.8479

 20.3292, 25.6262,
18.4308


 103.5794,
121.2077, 103.8055

 12.7442, 16.5442,
11.0871


131.8519,
153.0490, 133.5415

 7.3284, 9.9101,
6.0105

164.8512,
190.0290, 168.4744

 3.7165, 5.3394,
2.7826

202.9425,
232.5319, 209.0228

 1.5430, 2.4477,
0.9847

246.4913,

 0.3548, 0.8503,

280.9423, 255.6052

0.0000

295.8627,
335.6444, 308.6401

■ 0.0000, 0.0000,
0.0000

■ 43.4681, 52.6713,
41.5938

■ 43.4681, 52.6713,
41.5938

■ 38.5282, 50.3148,
32.8419

■ 49.1461, 55.3784,
51.8699

■ 34.2916, 48.2881,
25.5384

■ 55.5867, 58.4427,
63.7342

■ 30.7273, 46.5782,
19.6061

■ 62.8184, 61.8791,
77.2515

■ 27.7997, 45.1688,
14.9594

■ 70.8670, 65.6995,
92.4817

■ 25.4704, 44.0421,
11.5031

■ 78.6920, 69.4894,
103.8730

■ 23.6964, 43.1783,
9.1286

■ 80.1777, 70.2554,
103.9426

■ 22.4285, 42.5548,
7.7076

■ 21.5932, 42.1390,
7.0012

■ 21.5866, 42.1356,
6.9953

Harmonies

Analogous

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



47.1876, 52.6713, 35.7919



43.4681, 52.6713, 41.5938



41.5629, 52.6713, 52.2692

Triad

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



43.4681, 52.6713, 41.5938



48.2554, 52.6713, 87.3003



59.3170, 52.6713, 49.3569

Complementary

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



43.4681, 52.6713, 41.5938



45.5378, 41.1776, 60.8090

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.



59.6484, 52.6713, 62.7500



43.4681, 52.6713, 41.5938



53.0518, 52.6713, 86.1855

Square

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



43.4681, 52.6713, 41.5938



44.2068, 52.6713, 79.4933



57.2922, 52.6713, 76.6543



56.4137, 52.6713, 39.7557

Rectangle

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



43.4681, 52.6713, 41.5938



41.4914, 52.6713, 61.3643



57.2922, 52.6713, 76.6543



59.7394, 52.6713, 53.5149

Sweetspot

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



43.4695, 52.6736, 41.5950



88.1911, 96.7375, 96.2286



49.7403, 53.4285, 41.4102



18.7231, 20.6328, 20.3150



0.0000, 0.0000, 0.0000



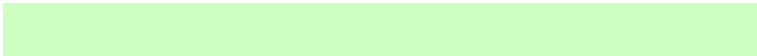
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4695, 52.6736, 41.5950



70.5165, 88.3153, 64.2512



43.1937, 52.3957, 47.7124



10.6676, 11.9756, 11.3120



13.6269, 26.5202, 4.4007



0.7000, 1.2840, 0.2109

Inverse Universe

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



45.5378, 41.1776, 60.8090



74.7069, 65.0000, 103.2165



45.9472, 41.5539, 53.3666



10.8940, 10.7191, 13.4123



16.5635, 7.7730, 35.3717



0.8335, 0.3934, 1.6772

Previews

White Background



This preview shows how the XYZ color 43.4681, 52.6713, 41.5938 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 43.4681, 52.6713, 41.5938 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

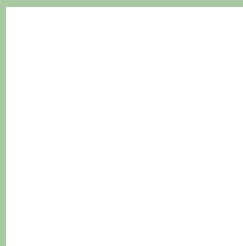
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4681, 52.6713, 41.5938

Background



This preview shows how black text looks on a background with the XYZ color 43.4681, 52.6713, 41.5938.

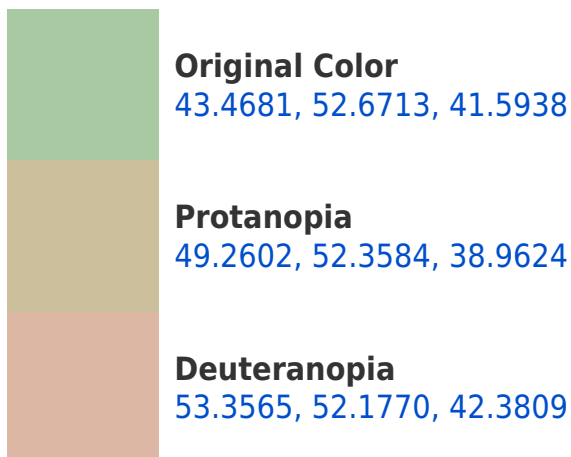


This preview shows how white text looks on a background with the XYZ color 43.4681, 52.6713,

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





Tritanopia

48.8291, 52.4668, 68.5263

Trichromacy



Original Color

43.4681, 52.6713, 41.5938

Protanomaly

46.9219, 52.4460, 39.9978

Deuteranomaly

49.1117, 51.8888, 42.0774

Tritanomaly

46.7143, 52.6225, 57.5642

Monochromacy



Original Color

43.4681, 52.6713, 41.5938

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.7079, 50.6169, 49.4805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4681, 52.6713, 41.5938 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(168, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 161)  
}
```

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(168, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.4681, 52.6713, 41.5938 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(168, 201, 161) }
```


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

```
.border{ border-color:rgb(168, 201, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 201, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 201, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 201, 161); box-shadow:4px 4px 4px 4px rgb(168, 201, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4681, 52.6713, 41.5938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 161) }
```

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

```
.background{ background-color: rgb(168,  
201, 161) }
```

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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