

Converting Colors

XYZ(43.5642, 61.2818, 43.2507)

Have a look what the booklet for
XYZ(43.5642, 61.2818, 43.2507)
contains.

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Color

**XYZ(43.5699, 61.2878,
43.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE0A1
RGB	138, 224, 161
RGB Percent	54%, 88%, 63%
CMY	0.4588, 0.1216, 0.3686
CMYK	0.38, 0.00, 0.28, 0.12
HSL	136°, 58%, 71%
HSV	136°, 38%, 88%
XYZ	43.5699, 61.2878, 43.2516
YIQ	191.1040, -31.0330, -37.8250

Conversions

Conversions Part 2

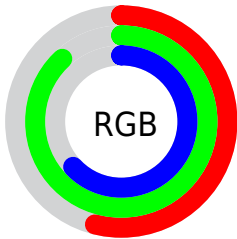
Format	Color
RYB	138, 206, 224
Decimal	9101473
CIELab	82.53, -39.19, 22.86
CIELCh	83, 45.370, 149.738
Yxy	61.2878, 0.2942, 0.4138
Android (android.graphics.Color)	4287291553 (0xFF8AE0A1)
YUV	191.1040, -14.8413, -46.5722
Hunter-Lab	78.2865, -37.6583, 22.0441

Details

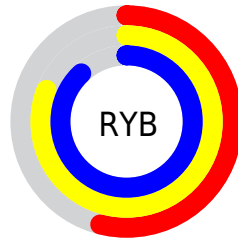
The XYZ color **43.5699, 61.2878, 43.2516** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **50.3735, 38.2426, 59.9871**, and the grayscale version is **49.6792, 52.2664, 56.9181**.

A 20% lighter version of the original color is **70.4028, 87.9472, 78.2306**, and **20.3302, 30.9484, 19.3701** is the 20% darker color. If you saturate the color by 10%, you get **38.8858, 59.0312, 35.9683**, and if you desaturate by 10%, it is **49.2114, 64.0195, 51.5738**.

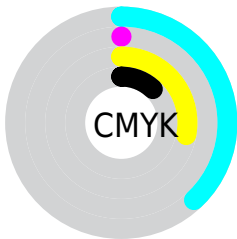
Distribution



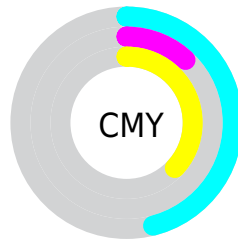
- Red (54%)
- Green (88%)
- Blue (63%)



- Red (54%)
- Yellow (81%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)




- Cyan (46%)
- Magenta (12%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5699, 61.2878, 43.2516 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 43.5699, 61.2878, 43.2516 by changing the saturation by 10% instead.


 43.5699, 61.2878,
43.2516


 43.5699, 61.2878,
43.2516


351.8322,
429.3285, 375.5970


 30.5290, 44.4575,
29.7497


 79.8205, 106.6955,
81.3808

 20.3905, 31.0303,
19.3983


 103.7609,
136.0417, 106.8452

 12.7891, 20.6219,
11.7787

 132.0652,
170.3287, 137.1342

 7.3595, 12.8479,
6.4725

165.0987,
209.9408, 172.6664

 3.7362, 7.3239,
3.0610

203.2268,
255.2624, 213.8602

 1.5540, 3.6655,
1.1259

246.8149,

 0.3622, 1.4883,

306.6780, 261.1342

0.0000

296.2282,
364.5718, 314.9070

■ 0.0000, 0.2804,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5699, 61.2878,
43.2516

■ 43.5699, 61.2878,
43.2516

■ 38.8858, 59.0312,
35.9683

■ 49.2114, 64.0195,
51.5738

■ 35.0997, 57.2146,
29.6788

■ 55.8558, 67.2437,
60.9693

■ 32.1527, 55.8105,
24.3410

■ 63.5513, 70.9863,
71.4760

■ 29.9768, 54.7847,
19.9079

■ 72.3415, 75.2690,
83.1289

■ 28.4924, 54.0971,
16.3284

■ 82.2677, 80.1124,
95.9611

■ 27.5864, 53.6907,
13.5455

■ 85.9468, 81.7937,
105.8656

■ 27.4700, 53.6389,
13.1678

Harmonies

Analogous

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



49.4742, 61.2878, 30.2415



43.5699, 61.2878, 43.2516



41.5073, 61.2878, 66.4874

Triad

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



43.5699, 61.2878, 43.2516



58.1668, 61.2878, 135.7451



76.0121, 61.2878, 43.5700

Complementary

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



43.5699, 61.2878, 43.2516



50.3735, 38.2426, 59.9871

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.



78.9855, 61.2878, 66.9771



43.5699, 61.2878, 43.2516



68.0116, 61.2878, 124.7530

Square

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



43.5699, 61.2878, 43.2516



49.3415, 61.2878, 124.3818



75.9100, 61.2878, 97.4651



68.1759, 61.2878, 30.3861

Rectangle

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



43.5699, 61.2878, 43.2516



42.3883, 61.2878, 86.4651



75.9100, 61.2878, 97.4651



77.6497, 61.2878, 50.2558

Sweetspot

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



43.5715, 61.2903, 43.2530



81.2732, 93.2907, 90.5027



55.3507, 67.5759, 34.1715



17.1025, 19.8254, 18.9717



0.0000, 0.0000, 0.0000



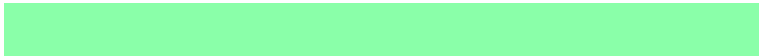
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5715, 61.2903, 43.2530



53.3598, 79.7650, 50.1549



48.0298, 63.0737, 66.7301



13.6786, 15.3972, 15.3426



16.0298, 31.2368, 7.8797



1.1478, 2.1798, 0.7396

Inverse Universe

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



50.3735, 38.2426, 59.9871



63.6898, 44.7127, 75.5312



46.0080, 36.4963, 36.9984



14.1304, 13.8698, 16.4567



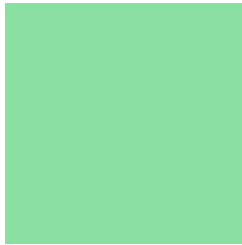
21.8486, 10.8064, 21.6661



1.5510, 0.7637, 1.6944

Previews

White Background



This preview shows how the XYZ color 43.5699, 61.2878, 43.2516 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 43.5699, 61.2878, 43.2516 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 43.5699, 61.2878, 43.2516

Background



This preview shows how black text looks on a background with the XYZ color 43.5699, 61.2878, 43.2516.

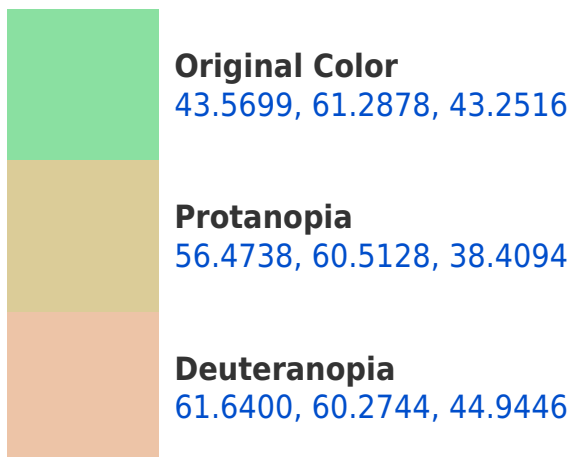


This preview shows how white text looks on a background with the XYZ color 43.5699, 61.2878,

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

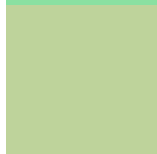
52.0028, 61.1994, 85.4158

Trichromacy



Original Color

43.5699, 61.2878, 43.2516



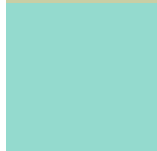
Protanomaly

50.4459, 59.9022, 39.9139



Deuteranomaly

52.9502, 59.2767, 44.2481



Tritanomaly

48.4247, 60.8949, 67.5942

Monochromacy



Original Color

43.5699, 61.2878, 43.2516



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.6074, 54.7778, 51.2967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5699, 61.2878, 43.2516 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(138, 224, 161)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 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(138, 224, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.5699, 61.2878, 43.2516 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(138, 224, 161) }
```


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

```
.border{ border-color:rgb(138, 224, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 161);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5699, 61.2878, 43.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 161) }
```

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

```
.background{ background-color: rgb(138,  
224, 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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