

Converting Colors

XYZ(41.3816, 50.2525, 35.7025)

Have a look what the booklet for
XYZ(41.3816, 50.2525, 35.7025)
contains.

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Color

**XYZ(41.4600, 50.3955,
35.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C594
RGB	168, 197, 148
RGB Percent	66%, 77%, 58%
CMY	0.3412, 0.2274, 0.4196
CMYK	0.15, 0.00, 0.25, 0.23
HSL	96°, 30%, 68%
HSV	96°, 25%, 77%
XYZ	41.4600, 50.3955, 35.5591
YIQ	182.7430, -1.5550, -21.3870

Conversions

Conversions Part 2

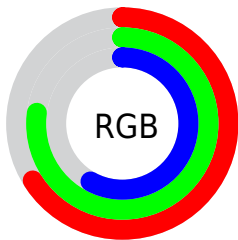
Format	Color
RYB	148, 197, 177
Decimal	11060628
CIELab	76.31, -18.70, 21.43
CIELCh	76, 28.437, 131.103
Yxy	50.3955, 0.3254, 0.3955
Android (android.graphics.Color)	4289250708 (0xFFA8C594)
YUV	182.7430, -17.1283, -12.9296
Hunter-Lab	70.9898, -19.9832, 19.9942

Details

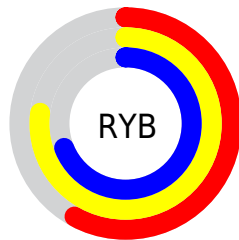
The XYZ color **41.4600, 50.3955, 35.5591** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8016, 34.5596, 57.4517**, and the grayscale version is **44.9615, 47.3030, 51.5130**.

A 20% lighter version of the original color is **76.8430, 90.9952, 69.3909**, and **19.0504, 24.1528, 14.9672** is the 20% darker color. If you saturate the color by 10%, you get **37.6597, 48.6030, 27.9227**, and if you desaturate by 10%, it is **45.7510, 52.4133, 44.6060**.

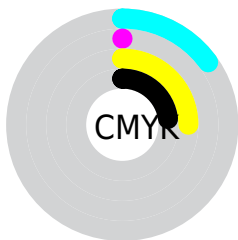
Distribution



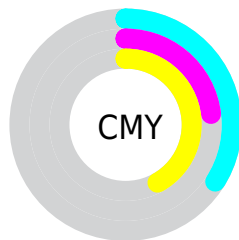
- Red (66%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)



- Cyan (34%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4600, 50.3955, 35.5591 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 41.4600, 50.3955, 35.5591 by changing the saturation by 10% instead.

■ 41.4600, 50.3955,
35.5591

■ 41.4600, 50.3955,
35.5591

343.2694,
388.2106, 342.0083

■ 28.8680, 35.7278,
23.8069

■ 76.6520, 90.7606,
69.5124

■ 19.1247, 24.2240,
14.9796

■ 99.9827, 117.2267,
92.5505

■ 11.8650, 15.4999,
8.6586

127.6236,
148.3944, 120.1877

■ 6.7233, 9.1710,
4.4254

159.9401,
184.6481, 152.8425

■ 3.3345, 4.8529,
1.8615

197.2976,
226.3722, 190.9334

■ 1.3330, 2.1612,
0.4681

240.0614,

■ 0.2077, 0.6987,

273.9510, 234.8789

0.0000

288.5969,
327.7690, 285.0977

■ 0.0000, 0.0000,
0.0000

■ 41.4600, 50.3955,
35.5591

■ 41.4600, 50.3955,
35.5591

■ 37.6597, 48.6030,
27.9227

■ 45.7510, 52.4133,
44.6060

■ 34.3269, 47.0209,
21.6223

■ 50.5469, 54.6578,
55.1260

■ 31.4422, 45.6423,
16.5819

■ 55.8661, 57.1386,
67.1820

■ 28.9833, 44.4577,
12.7164

■ 61.7247, 59.8628,
80.8325

■ 26.9252, 43.4563,
9.9301

■ 68.1384, 62.8372,
96.1325

■ 25.2402, 42.6261,
8.1122

■ 73.2648, 65.3254,
103.3553

■ 23.8953, 41.9532,
7.1283

■ 77.3068, 67.4091,
103.5445

■ 23.3095, 41.6576,
6.8122

■ 79.2573, 68.4146,
103.6358

Harmonies

Analogous

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



45.9487, 50.3955, 30.7748



41.4600, 50.3955, 35.5591



38.8251, 50.3955, 45.8871

Triad

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



41.4600, 50.3955, 35.5591



44.6497, 50.3955, 87.6684



58.7004, 50.3955, 49.4006

Complementary

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



41.4600, 50.3955, 35.5591



38.8016, 34.5596, 57.4517

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.



58.2877, 50.3955, 64.9596



41.4600, 50.3955, 35.5591



49.9045, 50.3955, 89.0901

Square

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



41.4600, 50.3955, 35.5591



40.5700, 50.3955, 76.5686



54.9733, 50.3955, 80.1530



56.0623, 50.3955, 37.7182

Rectangle

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



41.4600, 50.3955, 35.5591



38.3476, 50.3955, 55.4404



54.9733, 50.3955, 80.1530



58.9187, 50.3955, 54.3077

Sweetspot

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



41.4613, 50.3977, 35.5602



88.5273, 96.9542, 94.2839



44.0133, 45.2904, 34.4399



18.8328, 20.6981, 19.9248



0.0000, 0.0000, 0.0000



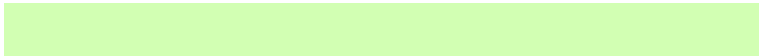
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4613, 50.3977, 35.5602



70.3451, 88.4152, 55.7414



37.8549, 48.5005, 37.1088



10.9005, 12.0957, 11.3229



15.4204, 27.4448, 4.4846



0.8119, 1.3417, 0.2162

Inverse Universe

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



38.8016, 34.5596, 57.4517



64.7421, 55.0722, 101.8255



43.2342, 36.8980, 55.2493



10.6483, 10.5925, 13.4008



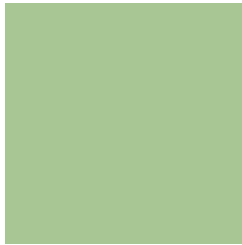
11.5156, 5.1707, 35.1355



0.6259, 0.2864, 1.6674

Previews

White Background



This preview shows how the XYZ color 41.4600, 50.3955, 35.5591 looks on a white background.

Color Contrast Check

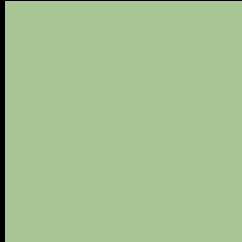
Large Text (above 18pt) WCAG AA × Fail

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 41.4600, 50.3955, 35.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

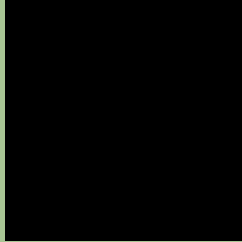
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4600, 50.3955, 35.5591

Background



This preview shows how black text looks on a background with the XYZ color 41.4600, 50.3955, 35.5591.



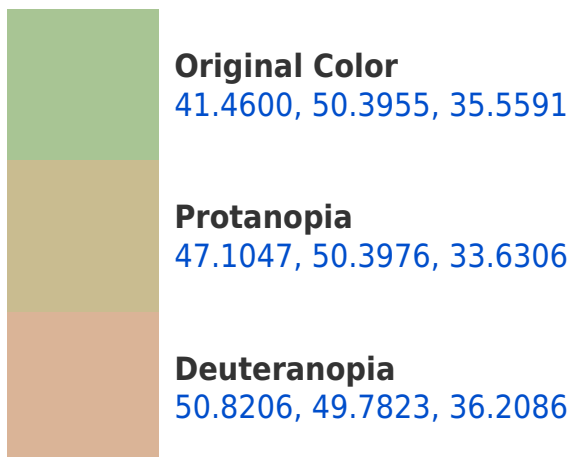
This preview shows how white text looks on a background with the XYZ color 41.4600, 50.3955,

35.5591.

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

47.5644, 50.5818, 65.0140

Trichromacy



Original Color

41.4600, 50.3955, 35.5591

Protanomaly

44.7279, 50.1248, 34.1057

Deuteranomaly

46.8833, 49.5992, 35.9567

Tritanomaly

45.1773, 50.5993, 52.7329

Monochromacy



Original Color

41.4600, 50.3955, 35.5591

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.5990, 48.3337, 45.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4600, 50.3955, 35.5591 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, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 197, 148)  
}
```

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, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 197, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.4600, 50.3955, 35.5591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

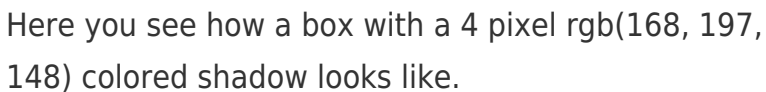
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 197, 148) }
```


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

```
.border{ border-color:rgb(168, 197, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 197, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 197, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 197, 148); box-shadow:4px 4px 4px 4px rgb(168, 197, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4600, 50.3955, 35.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 197, 148) }
```

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

```
.background{ background-color: rgb(168,  
197, 148) }
```

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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