

Converting Colors

XYZ(41.5138, 50.4047, 36.4492)

Have a look what the booklet for
XYZ(41.5138, 50.4047, 36.4492)
contains.

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Color

**XYZ(41.4076, 50.3500,
36.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C596
RGB	167, 197, 150
RGB Percent	65%, 77%, 59%
CMY	0.3451, 0.2274, 0.4118
CMYK	0.15, 0.00, 0.24, 0.23
HSL	98°, 29%, 68%
HSV	98°, 24%, 77%
XYZ	41.4076, 50.3500, 36.3903
YIQ	182.6720, -2.7930, -20.9770

Conversions

Conversions Part 2

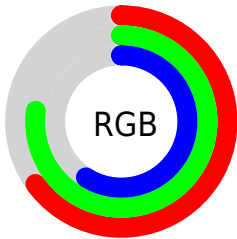
Format	Color
RYB	150, 197, 180
Decimal	10995094
CIELab	76.28, -18.74, 20.32
CIELCh	76, 27.635, 132.683
Yxy	50.3500, 0.3231, 0.3929
Android (android.graphics.Color)	4289185174 (0xFFA7C596)
YUV	182.6720, -16.1073, -13.7443
Hunter-Lab	70.9577, -20.0118, 19.2638

Details

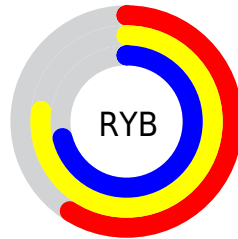
The XYZ color **41.4076, 50.3500, 36.3903** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8089, 35.5487, 57.5895**, and the grayscale version is **44.9177, 47.2569, 51.4628**.

A 20% lighter version of the original color is **76.7723, 90.9312, 70.6319**, and **19.0140, 24.1232, 15.4585** is the 20% darker color. If you saturate the color by 10%, you get **37.4243, 48.4662, 28.6078**, and if you desaturate by 10%, it is **45.9187, 52.4781, 45.5918**.

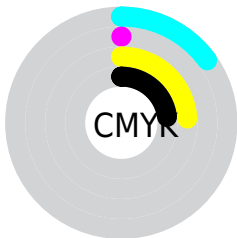
Distribution



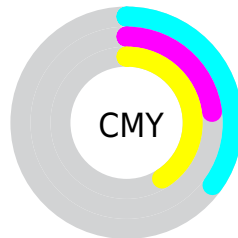
- Red (65%)
- Green (77%)
- Blue (59%)



- Red (59%)
- Yellow (77%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4076, 50.3500, 36.3903 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 41.4076, 50.3500, 36.3903 by changing the saturation by 10% instead.

■ 41.4076, 50.3500,
36.3903

■ 41.4076, 50.3500,
36.3903

343.0549,
388.0331, 345.7521

■ 28.8268, 35.6916,
24.4437

■ 76.5731, 90.6932,
70.8099

■ 19.0935, 24.1961,
15.4479

■ 99.8884, 117.1468,
94.1199

■ 11.8422, 15.4791,
8.9842

127.5127,
148.3010, 122.0549

■ 6.7078, 9.1563,
4.6342

159.8112,
184.5400, 155.0333

■ 3.3247, 4.8433,
1.9793

197.1493,
226.2483, 193.4737

■ 1.3277, 2.1556,
0.5425

239.8924,

■ 0.2038, 0.6956,

273.8103, 237.7946

0.0000

288.4058,
327.6105, 288.4146

■ 0.0000, 0.0000,
0.0000

■ 41.4076, 50.3500,
36.3903

■ 41.4076, 50.3500,
36.3903

■ 37.4243, 48.4662,
28.6078

■ 45.9187, 52.4781,
45.5918

■ 33.9441, 46.8109,
22.1704

■ 50.9731, 54.8525,
56.2747

■ 30.9462, 45.3767,
17.0026

■ 56.5904, 57.4836,
68.5014

■ 28.4066, 44.1531,
13.0202

■ 62.7882, 60.3790,
82.3301

■ 26.2990, 43.1284,
10.1285

■ 69.5832, 63.5462,
97.8157

■ 24.5937, 42.2898,
8.2188

■ 74.7915, 66.1124,
103.4268

■ 23.2563, 41.6224,
7.1592

■ 79.2573, 68.4146,
103.6358

■ 22.5840, 41.2835,
6.7782

Harmonies

Analogous

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



45.6995, 50.3500, 31.4092



41.4076, 50.3500, 36.3903



38.9515, 50.3500, 46.7516

Triad

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



41.4076, 50.3500, 36.3903



44.9481, 50.3500, 86.8657



58.2617, 50.3500, 48.7869

Complementary

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



41.4076, 50.3500, 36.3903



39.8089, 35.5487, 57.5895

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.



58.0240, 50.3500, 63.7728



41.4076, 50.3500, 36.3903



50.0797, 50.3500, 87.6808

Square

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



41.4076, 50.3500, 36.3903



40.8919, 50.3500, 76.5585



54.9417, 50.3500, 78.6173



55.5694, 50.3500, 37.6474

Rectangle

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



41.4076, 50.3500, 36.3903



38.5681, 50.3500, 56.1706



54.9417, 50.3500, 78.6173



58.5271, 50.3500, 53.4964

Sweetspot

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



41.4089, 50.3522, 36.3914



88.2395, 96.8058, 94.2704



44.8072, 46.6228, 35.4924



18.7663, 20.6638, 19.9217



0.0000, 0.0000, 0.0000



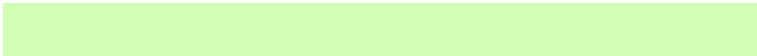
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4089, 50.3522, 36.3914



70.0603, 88.2384, 57.0821



38.5688, 48.8282, 38.9640



10.8536, 12.0714, 11.3207



14.9377, 27.1959, 4.4620



0.7865, 1.3286, 0.2150

Inverse Universe

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



39.8089, 35.5487, 57.5895



66.6601, 56.8239, 102.0625



43.3089, 37.4342, 54.0818



10.6967, 10.6174, 13.4031



12.3584, 5.6052, 35.1749



0.6624, 0.3052, 1.6691

Previews

White Background



This preview shows how the XYZ color 41.4076, 50.3500, 36.3903 looks on a white background.

Color Contrast Check

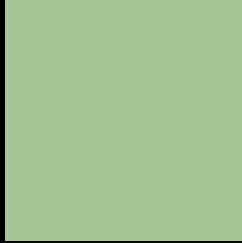
Large Text (above 18pt) WCAG AA × Fail

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 41.4076, 50.3500, 36.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

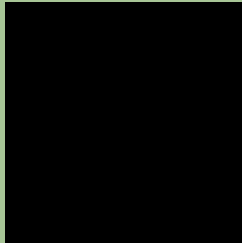
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4076, 50.3500, 36.3903

Background



This preview shows how black text looks on a background with the XYZ color 41.4076, 50.3500, 36.3903.



This preview shows how white text looks on a background with the XYZ color 41.4076, 50.3500,

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

41.4076, 50.3500, 36.3903

Protanopia

46.7780, 49.8953, 34.3594

Deuteranopia

50.9845, 49.8479, 37.0714



Tritanopia

47.3374, 50.4648, 65.0033

Trichromacy



Original Color

41.4076, 50.3500, 36.3903

Protanomaly

44.6363, 50.0596, 34.9136

Deuteranomaly

46.7796, 49.5269, 36.7999

Tritanomaly

45.0605, 50.5269, 53.2767

Monochromacy



Original Color

41.4076, 50.3500, 36.3903

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.4654, 48.2538, 45.5511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4076, 50.3500, 36.3903 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(167, 197, 150)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 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(167, 197, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.4076, 50.3500, 36.3903 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(167, 197, 150) }
```


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

```
.border{ border-color:rgb(167, 197, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 197, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(167, 197,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4076, 50.3500, 36.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 197, 150) }
```

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

```
.background{ background-color: rgb(167,  
197, 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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