

Converting Colors

XYZ(41.4593, 51.0956, 41.8482)

Have a look what the booklet for
XYZ(41.4593, 51.0956, 41.8482)
contains.

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Color

**XYZ(41.4422, 50.9291,
41.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C7A2
RGB	160, 199, 162
RGB Percent	63%, 78%, 64%
CMY	0.3725, 0.2196, 0.3647
CMYK	0.20, 0.00, 0.19, 0.22
HSL	123°, 26%, 70%
HSV	123°, 20%, 78%
XYZ	41.4422, 50.9291, 41.8285
YIQ	183.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

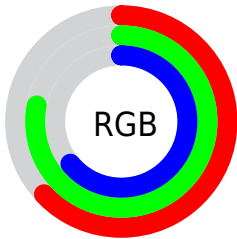
Format	Color
RYB	160, 197, 199
Decimal	10536866
CIELab	76.64, -20.15, 14.33
CIELCh	77, 24.723, 144.584
Yxy	50.9291, 0.3088, 0.3795
Android (android.graphics.Color)	4288726946 (0xFFA0C7A2)
YUV	183.1210, -10.4127, -20.2771
Hunter-Lab	71.3646, -21.2312, 15.2040

Details

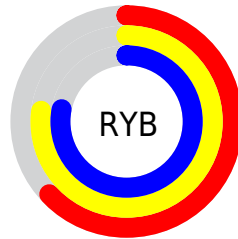
The XYZ color **41.4422, 50.9291, 41.8285** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.2038, 41.3160, 58.3651**, and the grayscale version is **45.1371, 47.4877, 51.7141**.

A 20% lighter version of the original color is **76.3087, 90.9768, 79.1840**, and **19.1242, 24.5647, 18.4854** is the 20% darker color. If you saturate the color by 10%, you get **36.2238, 48.4199, 33.4719**, and if you desaturate by 10%, it is **47.5522, 53.8717, 51.5442**.

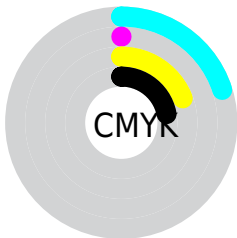
Distribution



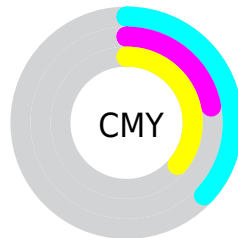
- Red (63%)
- Green (78%)
- Blue (64%)



- Red (63%)
- Yellow (77%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (37%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4422, 50.9291, 41.8285 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 41.4422, 50.9291, 41.8285 by changing the saturation by 10% instead.


 41.4422, 50.9291,
41.8285


 41.4422, 50.9291,
41.8285


343.1965,
390.2883, 369.5502

 28.8540, 36.1522,
28.6425


 76.6252, 91.5500,
79.2073

 19.1141, 24.5518,
18.5673


 99.9507, 118.1627,
104.2371

 11.8573, 15.7434,
11.1844


127.5859,
149.4895, 134.0519

 6.7181, 9.3428,
6.0753

159.8963,
185.9148, 169.0703

 3.3312, 4.9654,
2.8214

197.2472,
227.8229, 209.7108

 1.3312, 2.2270,
1.0042

240.0040,

 0.2064, 0.7347,

275.5982, 256.3919

0.0000

288.5320,
329.6252, 309.5322

■ 0.0000, 0.0000,
0.0000

■ 41.4422, 50.9291,
41.8285

■ 41.4422, 50.9291,
41.8285

■ 36.2238, 48.4199,
33.4719

■ 47.5522, 53.8717,
51.5442

■ 31.8514, 46.3177,
26.4108

■ 54.5883, 57.2599,
62.6723

■ 28.2817, 44.6027,
20.5812

■ 62.5885, 61.1137,
75.2673

■ 25.4658, 43.2515,
15.9127

■ 71.5870, 65.4496,
89.3797

■ 23.3495, 42.2377,
12.3277

■ 79.7144, 69.3289,
103.7881

■ 21.8715, 41.5315,
9.7389

■ 20.9597, 41.0980,
8.0459

■ 20.4946, 40.8781,
7.1256

■ 20.4804, 40.8713,
7.1027

Harmonies

Analogous

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



44.7613, 50.9291, 35.1775



41.4422, 50.9291, 41.8285



39.9955, 50.9291, 53.0578

Triad

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



41.4422, 50.9291, 41.8285



47.5628, 50.9291, 85.2434



57.0523, 50.9291, 45.4149

Complementary

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



41.4422, 50.9291, 41.8285



46.2038, 41.3160, 58.3651

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.



57.9213, 50.9291, 57.9194



41.4422, 50.9291, 41.8285



52.2446, 50.9291, 82.3214

Square

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



41.4422, 50.9291, 41.8285



43.3805, 50.9291, 79.1986



56.1105, 50.9291, 71.7552



53.8066, 50.9291, 37.0027

Rectangle

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



41.4422, 50.9291, 41.8285



40.2156, 50.9291, 62.1934



56.1105, 50.9291, 71.7552



57.6404, 50.9291, 49.2184

Sweetspot

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



41.4436, 50.9313, 41.8296



87.3937, 96.3129, 96.8003



49.8099, 55.2646, 41.3000



18.5354, 20.5329, 20.4494



0.0000, 0.0000, 0.0000



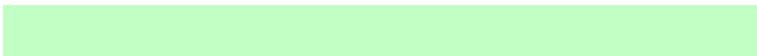
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4436, 50.9313, 41.8296



68.0279, 86.9913, 65.9925



43.3089, 51.6774, 51.6522



10.5192, 11.8965, 11.4181



13.1786, 26.2838, 4.6191



0.6319, 1.2477, 0.2601

Inverse Universe

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



46.2038, 41.3160, 58.3651



78.0359, 66.7740, 100.7554



44.1163, 40.4810, 47.3727



11.0587, 10.8069, 13.2924



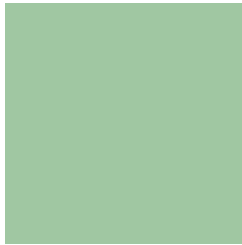
21.0472, 10.1684, 31.7881



1.0040, 0.4844, 1.5440

Previews

White Background



This preview shows how the XYZ color 41.4422, 50.9291, 41.8285 looks on a white background.

Color Contrast Check

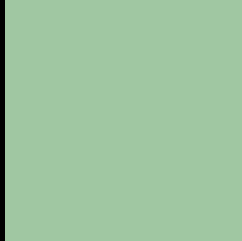
Large Text (above 18pt) WCAG AA × Fail

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 41.4422, 50.9291, 41.8285 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 41.4422, 50.9291, 41.8285

Background



This preview shows how black text looks on a background with the XYZ color 41.4422, 50.9291, 41.8285.



This preview shows how white text looks on a background with the XYZ color 41.4422, 50.9291,

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

41.4422, 50.9291, 41.8285

Protanopia

47.6222, 50.5429, 39.1441

Deuteranopia

51.6352, 50.6561, 43.1325



Tritanopia

46.6036, 51.0188, 67.0659

Trichromacy



Original Color

41.4422, 50.9291, 41.8285

Protanomaly

45.1152, 50.5168, 40.1738

Deuteranomaly

47.2804, 50.2852, 42.8114

Tritanomaly

44.4361, 50.7911, 56.7519

Monochromacy



Original Color

41.4422, 50.9291, 41.8285

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.6147, 48.6043, 47.6403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4422, 50.9291, 41.8285 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(160, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 199, 162)  
}
```

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(160, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 199, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.4422, 50.9291, 41.8285 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(160, 199, 162) }
```


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

```
.border{ border-color:rgb(160, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 199, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 199, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 199,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4422, 50.9291, 41.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 199, 162) }
```

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

```
.background{ background-color: rgb(160,  
199, 162) }
```

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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