

Converting Colors

XYZ(41.9985, 52.0276, 42.1240)

Have a look what the booklet for
XYZ(41.9985, 52.0276, 42.1240)
contains.

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Color

**XYZ(41.9054, 51.8555,
41.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C9A2
RGB	160, 201, 162
RGB Percent	63%, 79%, 64%
CMY	0.3725, 0.2117, 0.3647
CMYK	0.20, 0.00, 0.19, 0.21
HSL	123°, 28%, 71%
HSV	123°, 20%, 79%
XYZ	41.9054, 51.8555, 41.9829
YIQ	184.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

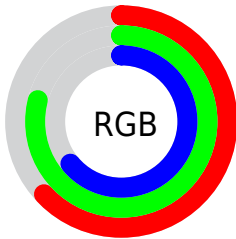
Format	Color
RYB	160, 199, 201
Decimal	10537378
CIELab	77.19, -21.15, 15.11
CIELCh	77, 25.992, 144.452
Yxy	51.8555, 0.3087, 0.3820
Android (android.graphics.Color)	4288727458 (0xFFA0C9A2)
YUV	184.2950, -10.9914, -21.3067
Hunter-Lab	72.0108, -22.1439, 15.8409

Details

The XYZ color **41.9054, 51.8555, 41.9829** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.9687, 41.6837, 59.6052**, and the grayscale version is **45.7878, 48.1723, 52.4596**.

A 20% lighter version of the original color is **76.3087, 90.9768, 79.1840**, and **19.4325, 25.1814, 18.5881** is the 20% darker color. If you saturate the color by 10%, you get **36.6351, 49.3217, 33.5290**, and if you desaturate by 10%, it is **48.0866, 54.8320, 51.8306**.

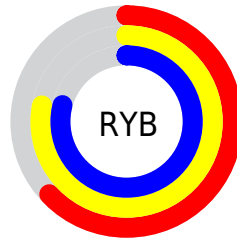
Distribution



Red (63%)

Green (79%)

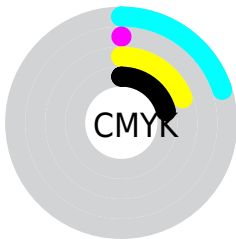
Blue (64%)



Red (63%)

Yellow (78%)

Blue (79%)

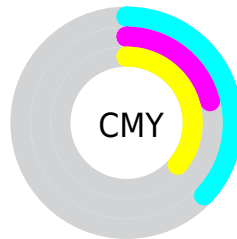


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (21%)



Cyan (37%)

Magenta (21%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9054, 51.8555, 41.9829 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 41.9054, 51.8555, 41.9829 by changing the saturation by 10% instead.

■ 41.9054, 51.8555,
41.9829

■ 41.9054, 51.8555,
41.9829

345.0889,
393.8785, 370.2096

■ 29.2180, 36.8899,
28.7624

■ 77.3225, 92.9181,
79.4436

■ 19.3909, 25.1223,
18.6571

■ 100.7829,
119.7839, 104.5208

■ 12.0588, 16.1682,
11.2485

128.5650,
151.3852, 134.3874

■ 6.8562, 9.6432,
6.1180

161.0343,
188.1065, 169.4619

■ 3.4179, 5.1631,
2.8470

198.5559,
230.3320, 210.1629

■ 1.3784, 2.3433,
1.0171

241.4953,

■ 0.2408, 0.7965,

278.4463, 256.9088

0.0000

290.2179,
332.8336, 310.1182

■ 0.0000, 0.0000,
0.0000

■ 41.9054, 51.8555,
41.9829

■ 41.9054, 51.8555,
41.9829

■ 36.6351, 49.3217,
33.5290

■ 48.0866, 54.8320,
51.8306

■ 32.2288, 47.2033,
26.4027

■ 55.2145, 58.2639,
63.1273

■ 28.6415, 45.4801,
20.5376

■ 63.3281, 62.1717,
75.9295

■ 25.8227, 44.1276,
15.8602

■ 72.4630, 66.5725,
90.2898

■ 23.7163, 43.1186,
12.2896

■ 80.1777, 70.2553,
103.9426

■ 22.2584, 42.4220,
9.7346

■ 21.3736, 42.0014,
8.0895

■ 20.9414, 41.7968,
7.2455

Harmonies

Analogous

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



45.4320, 51.8555, 35.0117



41.9054, 51.8555, 41.9829



40.3646, 51.8555, 53.8540

Triad

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



41.9054, 51.8555, 41.9829



48.3679, 51.8555, 88.3604



58.5195, 51.8555, 45.8625

Complementary

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



41.9054, 51.8555, 41.9829



46.9687, 41.6837, 59.6052

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.



59.4361, 51.8555, 59.1525



41.9054, 51.8555, 41.9829



53.3544, 51.8555, 85.2578

Square

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



41.9054, 51.8555, 41.9829



43.9314, 51.8555, 81.8185



57.4884, 51.8555, 73.9371



55.0613, 51.8555, 36.9736

Rectangle

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



41.9054, 51.8555, 41.9829



40.5908, 51.8555, 63.5799



57.4884, 51.8555, 73.9371



59.1444, 51.8555, 49.8959

Sweetspot

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



41.9068, 51.8577, 41.9840



87.3880, 96.3106, 96.7703



50.9556, 56.5429, 41.4863



18.5341, 20.5323, 20.4424



0.0000, 0.0000, 0.0000



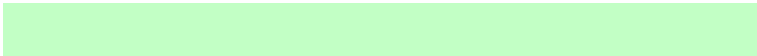
20.3446, 21.4041, 23.3091

Same Dimension

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



41.9068, 51.8577, 41.9840



68.0104, 86.9843, 65.9002



43.8151, 52.6210, 52.0328



10.5181, 11.8961, 11.4125



13.1764, 26.2829, 4.6073



0.6314, 1.2475, 0.2575

Inverse Universe

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



46.9687, 41.6837, 59.6052



78.0601, 66.7837, 100.8831



44.8100, 40.8202, 48.2372



11.0599, 10.8073, 13.2986



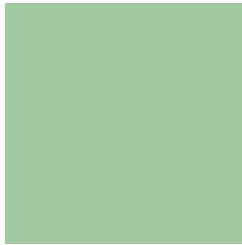
21.0815, 10.1822, 31.9687



1.0053, 0.4849, 1.5508

Previews

White Background



This preview shows how the XYZ color 41.9054, 51.8555, 41.9829 looks on a white background.

Color Contrast Check

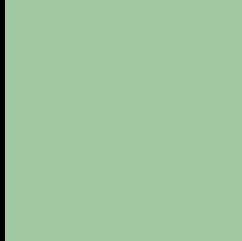
Large Text (above 18pt) WCAG AA × Fail

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 41.9054, 51.8555, 41.9829 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

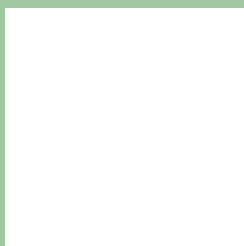
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9054, 51.8555, 41.9829

Background



This preview shows how black text looks on a background with the XYZ color 41.9054, 51.8555, 41.9829.



This preview shows how white text looks on a background with the XYZ color 41.9054, 51.8555,

41.9829.

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

41.9054, 51.8555, 41.9829

Protanopia

48.5016, 51.6447, 38.8646

Deuteranopia

52.4317, 51.3719, 43.2287



Tritanopia

47.0731, 51.5615, 68.4441

Trichromacy



Original Color

41.9054, 51.8555, 41.9829

Protanomaly

45.7130, 51.4913, 39.8772

Deuteranomaly

47.9699, 51.2793, 42.9669

Tritanomaly

45.1089, 51.7821, 58.0695

Monochromacy



Original Color

41.9054, 51.8555, 41.9829

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.9291, 49.0755, 48.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9054, 51.8555, 41.9829 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, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 201, 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, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 201, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.9054, 51.8555, 41.9829 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, 201, 162) }
```


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

```
.border{ border-color:rgb(160, 201, 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, 201, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 201,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9054, 51.8555, 41.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 201, 162) }
```

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

```
.background{ background-color: rgb(160,  
201, 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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