

Converting Colors

XYZ(41.1831, 50.9037, 39.9157)

Have a look what the booklet for
XYZ(41.1831, 50.9037, 39.9157)
contains.

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Color

**XYZ(41.0922, 50.7891,
39.9852)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C79E
RGB	160, 199, 158
RGB Percent	63%, 78%, 62%
CMY	0.3725, 0.2196, 0.3804
CMYK	0.20, 0.00, 0.21, 0.22
HSL	117°, 27%, 70%
HSV	117°, 21%, 78%
XYZ	41.0922, 50.7891, 39.9852
YIQ	182.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

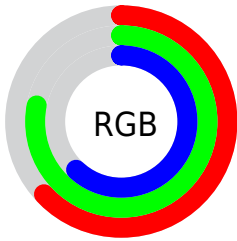
Format	Color
RYB	158, 199, 197
Decimal	10536862
CIELab	76.55, -20.85, 16.35
CIELCh	77, 26.498, 141.903
Yxy	50.7891, 0.3116, 0.3852
Android (android.graphics.Color)	4288726942 (0xFFA0C79E)
YUV	182.6650, -12.1598, -19.8772
Hunter-Lab	71.2665, -21.7933, 16.6209

Details

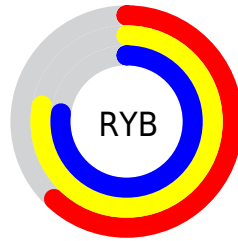
The XYZ color **41.0922, 50.7891, 39.9852** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5637, 40.4490, 59.4415**, and the grayscale version is **44.8958, 47.2339, 51.4377**.

A 20% lighter version of the original color is **75.7946, 90.7712, 76.4766**, and **18.9636, 24.5005, 17.6395** is the 20% darker color. If you saturate the color by 10%, you get **36.0158, 48.3558, 31.5185**, and if you desaturate by 10%, it is **47.0250, 53.6348, 49.9420**.

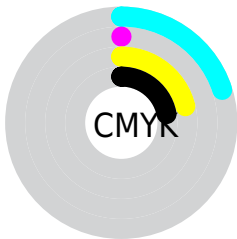
Distribution



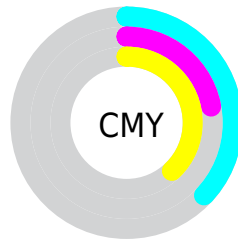
- Red (63%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (37%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0922, 50.7891, 39.9852 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 41.0922, 50.7891, 39.9852 by changing the saturation by 10% instead.

■ 41.0922, 50.7891,
39.9852

■ 41.0922, 50.7891,
39.9852

341.7618,
389.7438, 361.6114

■ 28.5791, 36.0408,
27.2133

■ 76.0977, 91.3430,
76.3778

■ 18.9053, 24.4657,
17.4996

■ 99.3208, 117.9173,
100.8356

■ 11.7055, 15.6794,
10.4256

126.8446,
149.2024, 130.0258

■ 6.6142, 9.2976,
5.5728

159.0344,
185.5827, 164.3669

■ 3.2662, 4.9358,
2.5226

196.2558,
227.4426, 204.2775

■ 1.2961, 2.2096,
0.8521

238.8739,

■ 0.1803, 0.7252,

275.1665, 250.1761

0.0000

287.2541,
329.1388, 302.4812

■ 0.0000, 0.0000,
0.0000

■ 41.0922, 50.7891,
39.9852

■ 41.0922, 50.7891,
39.9852

■ 36.0158, 48.3558,
31.5185

■ 47.0250, 53.6348,
49.9420

■ 31.7524, 46.3096,
24.4673

■ 53.8468, 56.9039,
61.4522

■ 28.2610, 44.6325,
18.7552

■ 61.5937, 60.6150,
74.5796

■ 25.4953, 43.3025,
14.2976

■ 70.2984, 64.7838,
89.3832

■ 23.4042, 42.2953,
11.0002

■ 79.5863, 69.2628,
103.7822

■ 21.9298, 41.5834,
8.7554

■ 79.7144, 69.3289,
103.7881

■ 21.0045, 41.1346,
7.4354

■ 20.5459, 40.9115,
6.8138

Harmonies

Analogous

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



44.7733, 50.7891, 33.4761



41.0922, 50.7891, 39.9852



39.3626, 50.7891, 51.5106

Triad

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



41.0922, 50.7891, 39.9852



46.9313, 50.7891, 87.3048



57.7598, 50.7891, 45.6472

Complementary

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



41.0922, 50.7891, 39.9852



45.5637, 40.4490, 59.4415

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.



58.4370, 50.7891, 59.2723



41.0922, 50.7891, 39.9852



51.9516, 50.7891, 85.0014

Square

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



41.0922, 50.7891, 39.9852



42.5784, 50.7891, 79.9376



56.2463, 50.7891, 74.0991



54.4551, 50.7891, 36.3302

Rectangle

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



41.0922, 50.7891, 39.9852



39.4595, 50.7891, 61.1798



56.2463, 50.7891, 74.0991



58.3110, 50.7891, 49.8108

Sweetspot

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



41.0936, 50.7913, 39.9863



87.5304, 96.3969, 96.1977



49.6819, 54.5232, 40.2540



18.5676, 20.5526, 20.3077



0.0000, 0.0000, 0.0000



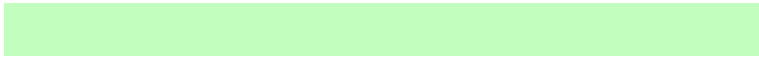
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0936, 50.7913, 39.9863



67.5318, 86.8095, 62.6312



42.4067, 51.2707, 48.9708



10.5445, 11.9121, 11.3063



13.2323, 26.3168, 4.3822



0.6436, 1.2549, 0.2083

Inverse Universe

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



45.5637, 40.4490, 59.4415



76.8409, 65.2659, 103.1554



44.0762, 39.9149, 48.8573



11.0300, 10.7893, 13.4187



20.1929, 9.6440, 35.5416



0.9722, 0.4649, 1.6836

Previews

White Background



This preview shows how the XYZ color 41.0922, 50.7891, 39.9852 looks on a white background.

Color Contrast Check

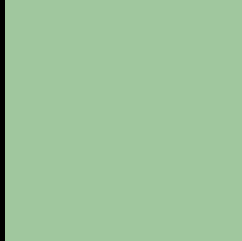
Large Text (above 18pt) WCAG AA × Fail

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 41.0922, 50.7891, 39.9852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

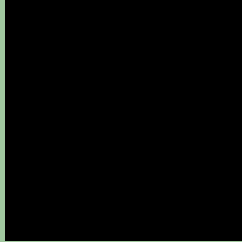
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0922, 50.7891, 39.9852

Background



This preview shows how black text looks on a background with the XYZ color 41.0922, 50.7891, 39.9852.



This preview shows how white text looks on a background with the XYZ color 41.0922, 50.7891,

39.9852.

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

41.0922, 50.7891, 39.9852

Protanopia

47.5524, 50.5457, 37.3870

Deuteranopia

51.3644, 50.2553, 41.1755



Tritanopia

46.3833, 50.5782, 66.9924

Trichromacy



Original Color

41.0922, 50.7891, 39.9852

Protanomaly

44.7736, 50.3801, 38.3749

Deuteranomaly

47.1812, 50.2754, 40.9356

Tritanomaly

44.3264, 50.7473, 56.1741

Monochromacy



Original Color

41.0922, 50.7891, 39.9852

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.5168, 48.5651, 47.1248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0922, 50.7891, 39.9852 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 199, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 199, 158) }
```

Border

The CSS property to change the border of an element to XYZ 41.0922, 50.7891, 39.9852 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, 158) }
```


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

```
.border{ border-color:rgb(160, 199, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 199,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0922, 50.7891, 39.9852 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, 158) }
```

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

```
.background{ background-color: rgb(160,  
199, 158) }
```

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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