

Converting Colors

XYZ(39.7801, 47.2540, 41.4090)

Have a look what the booklet for
XYZ(39.7801, 47.2540, 41.4090)
contains.

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Color

**XYZ(39.8503, 47.4473,
41.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BFA2
RGB	161, 191, 162
RGB Percent	63%, 75%, 64%
CMY	0.3686, 0.2510, 0.3647
CMYK	0.16, 0.00, 0.15, 0.25
HSL	122°, 19%, 69%
HSV	122°, 16%, 75%
XYZ	39.8503, 47.4473, 41.2403
YIQ	178.7240, -8.5710, -15.3790

Conversions

Conversions Part 2

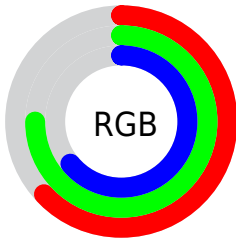
Format	Color
RYB	161, 190, 191
Decimal	10600354
CIELab	74.47, -15.75, 11.29
CIELCh	74, 19.378, 144.379
Yxy	47.4473, 0.3100, 0.3691
Android (android.graphics.Color)	4288790434 (0xFFA1BFA2)
YUV	178.7240, -8.2449, -15.5439
Hunter-Lab	68.8820, -17.2759, 12.7199

Details

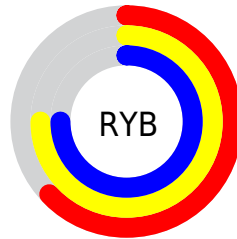
The XYZ color **39.8503, 47.4473, 41.2403** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.5266, 40.2849, 54.1990**, and the grayscale version is **42.7476, 44.9738, 48.9765**.

A 20% lighter version of the original color is **74.1041, 86.1302, 78.3647**, and **18.2096, 22.5540, 18.1455** is the 20% darker color. If you saturate the color by 10%, you get **34.7688, 45.0050, 33.0551**, and if you desaturate by 10%, it is **45.7634, 50.2932, 50.7243**.

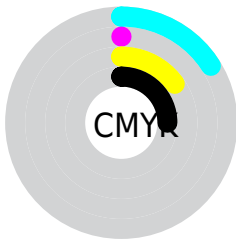
Distribution



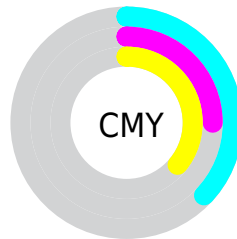
- Red (63%)
- Green (75%)
- Blue (64%)



- Red (63%)
- Yellow (75%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8503, 47.4473, 41.2403 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 39.8503, 47.4473, 41.2403 by changing the saturation by 10% instead.


 39.8503, 47.4473,
41.2403


 39.8503, 47.4473,
41.2403


336.6375,
376.5972, 367.0303

 27.6055, 33.3894,
28.1858


 74.2213, 86.3809,
78.3062

 18.1675, 22.4249,
18.2255


 97.0782, 112.0254,
103.1546

 11.1707, 14.1695,
10.9409

124.2033,
142.3009, 132.7714

 6.2499, 8.2386,
5.9134

155.9618,
177.5918, 167.5752

 3.0397, 4.2480,
2.7246

192.7191,
218.2825, 207.9844

 1.1748, 1.8132,
0.9558

234.8406,

 0.0863, 0.4954,

264.7573, 254.4176

0.0000

282.6916,
317.4008, 307.2934

0.0000, 0.0000,
0.0000

39.8503, 47.4473,
41.2403

39.8503, 47.4473,
41.2403

34.7688, 45.0050,
33.0551

45.7634, 50.2932,
50.7243

30.4780, 42.9423,
26.1093

52.5390, 53.5534,
61.5570

26.9393, 41.2419,
20.3435

60.2111, 57.2457,
73.7893

24.1093, 39.8831,
15.6921

68.8107, 61.3851,
87.4686

21.9404, 38.8426,
12.0832

77.8122, 65.6997,
102.6140

■ 20.3789, 38.0946,
9.4364

■ 77.9217, 65.7435,
103.1906

■ 19.3628, 37.6090,
7.6598

■ 18.8156, 37.3489,
6.6434

■ 18.6666, 37.2774,
6.3943

Harmonies

Analogous

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



42.3789, 47.4473, 36.0350



39.8503, 47.4473, 41.2403



38.7323, 47.4473, 49.7990

Triad

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



39.8503, 47.4473, 41.2403



44.4419, 47.4473, 73.2889



51.5018, 47.4473, 44.1156

Complementary

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



39.8503, 47.4473, 41.2403



43.5266, 40.2849, 54.1990

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.



52.1238, 47.4473, 53.5710



39.8503, 47.4473, 41.2403



47.9294, 47.4473, 71.2575

Square

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



39.8503, 47.4473, 41.2403



41.2940, 47.4473, 68.9461



50.7856, 47.4473, 63.7064



49.1271, 47.4473, 37.5388

Rectangle

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



39.8503, 47.4473, 41.2403



38.8936, 47.4473, 56.5921



50.7856, 47.4473, 63.7064



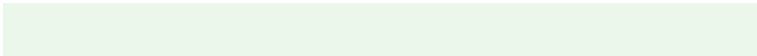
51.9277, 47.4473, 47.0270

Sweetspot

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



39.8516, 47.4493, 41.2413



82.6756, 90.4160, 91.9913



46.3011, 50.7844, 41.0807



17.9768, 19.7689, 19.9155



92.9021, 97.7402, 106.4391



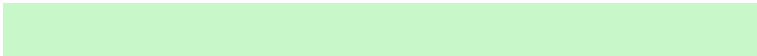
19.4759, 20.4902, 22.3138

Same Dimension

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



39.8516, 47.4493, 41.2413



67.9331, 83.3244, 68.3307



41.2660, 48.0151, 48.6893



9.4213, 10.6547, 10.2022



12.2728, 24.4994, 4.2334



0.4852, 0.9614, 0.1893

Inverse Universe

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



43.5266, 40.2849, 54.1990



75.8188, 67.9508, 96.1338



41.9701, 39.6622, 46.0022



9.9158, 9.6906, 11.9459



19.8558, 9.5735, 30.8638



0.7821, 0.3767, 1.2318

Previews

White Background



This preview shows how the XYZ color 39.8503, 47.4473, 41.2403 looks on a white background.

Color Contrast Check

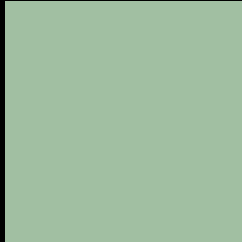
Large Text (above 18pt) WCAG AA × Fail

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 39.8503, 47.4473, 41.2403 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

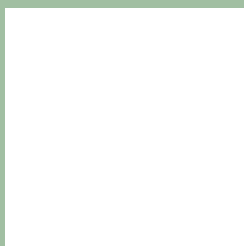
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8503, 47.4473, 41.2403

Background



This preview shows how black text looks on a background with the XYZ color 39.8503, 47.4473, 41.2403.



This preview shows how white text looks on a background with the XYZ color 39.8503, 47.4473,

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

39.8503, 47.4473, 41.2403

Protanopia

44.6377, 47.1310, 39.0923

Deuteranopia

48.0490, 47.0327, 42.1431



Tritanopia

43.9206, 47.5034, 61.4978

Trichromacy



Original Color

39.8503, 47.4473, 41.2403

Protanomaly

42.6630, 47.0249, 39.6290

Deuteranomaly

44.4599, 46.6752, 41.7879

Tritanomaly

42.3632, 47.5109, 53.3921

Monochromacy



Original Color

39.8503, 47.4473, 41.2403

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.4896, 45.6548, 46.1607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8503, 47.4473, 41.2403 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(161, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(161, 191, 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(161, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 191, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.8503, 47.4473, 41.2403 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(161, 191, 162) }
```


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

```
.border{ border-color:rgb(161, 191, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 191, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(161, 191,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8503, 47.4473, 41.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 191, 162) }
```

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

```
.background{ background-color: rgb(161,  
191, 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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