

Converting Colors

XYZ(41.2101, 39.9575, 62.7541)

Have a look what the booklet for
XYZ(41.2101, 39.9575, 62.7541)
contains.

XYZ(41.1488, 39.9278, 62.6648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1488, 39.9278,
62.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA5CC
RGB	171, 165, 204
RGB Percent	67%, 65%, 80%
CMY	0.3294, 0.3529, 0.2000
CMYK	0.16, 0.19, 0.00, 0.20
HSL	249°, 28%, 72%
HSV	249°, 19%, 80%
XYZ	41.1488, 39.9278, 62.6648
YIQ	171.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

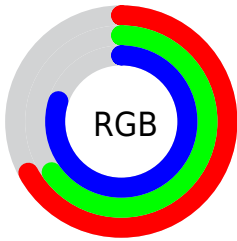
Format	Color
RYB	171, 165, 204
Decimal	11249100
CIELab	69.42, 10.07, -19.09
CIElCh	69, 21.580, 297.805
Yxy	39.9278, 0.2863, 0.2778
Android (android.graphics.Color)	4289439180 (0xFFABA5CC)
YUV	171.2400, 16.1507, -0.2105
Hunter-Lab	63.1884, 5.6608, -14.5667

Details

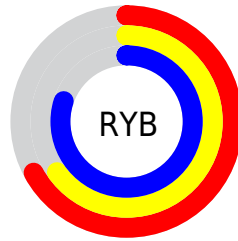
The XYZ color **41.1488, 39.9278, 62.6648** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.6744, 57.9091, 44.0531**, and the grayscale version is **38.7549, 40.7731, 44.4019**.

A 20% lighter version of the original color is **75.3218, 74.7373, 105.0636**, and **18.8814, 17.8638, 31.3071** is the 20% darker color. If you saturate the color by 10%, you get **34.2411, 31.3341, 61.3708**, and if you desaturate by 10%, it is **49.1370, 49.9518, 64.1792**.

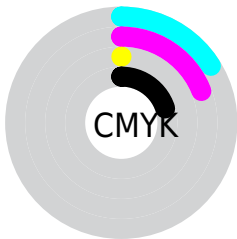
Distribution



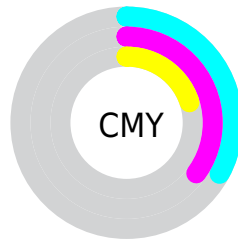
- Red (67%)
- Green (65%)
- Blue (80%)



- Red (67%)
- Yellow (65%)
- Blue (80%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1488, 39.9278, 62.6648 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 41.1488, 39.9278, 62.6648 by changing the saturation by 10% instead.

■ 41.1488, 39.9278,
62.6648

■ 41.1488, 39.9278,
62.6648

341.9941,
345.8192, 452.4264

■ 28.6236, 27.4823,
45.1308

■ 76.1830, 75.0536,
110.2667

■ 18.9391, 17.9357,
31.2168

■ 99.4227, 98.5026,
141.1717

■ 11.7300, 10.9039,
20.5041

126.9645,
126.3882, 177.3707

■ 6.6310, 6.0022,
12.5743

159.1739,
159.0948, 219.2824

■ 3.2767, 2.8464,
7.0088

196.4162,
197.0068, 267.3253

■ 1.3017, 1.0521,
3.3891

239.0568,

■ 0.1845, 0.0000,

240.5086, 321.9179

1.2966

287.4610,
289.9846, 383.4787

■ 0.0000, 0.0000,
0.0590

■ 0.0000, 0.0000,
0.0000

■ 41.1488, 39.9278,
62.6648

■ 41.1488, 39.9278,
62.6648

■ 34.2411, 31.3341,
61.3708

■ 49.1370, 49.9518,
64.1792

■ 28.3635, 24.1004,
60.2843

■ 58.2457, 61.4621,
65.9209

■ 23.4671, 18.1580,
59.3954

■ 68.5175, 74.5179,
67.8995

■ 19.4976, 13.4301,
58.6920

■ 79.9916, 89.1735,
70.1236

■ 16.3952, 9.8319,
58.1610

■ 87.8992, 97.1397,
71.2444

■ 14.0929, 7.2672,
57.7873

■ 12.5136, 5.6236,
57.5533

■ 11.5429, 4.7206,
57.4302

■ 11.4757, 4.6569,
57.4214

Harmonies

Analogous

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



37.6952, 39.9278, 65.5044



41.1488, 39.9278, 62.6648



43.8819, 39.9278, 54.4726

Triad

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



41.1488, 39.9278, 62.6648



41.6178, 39.9278, 29.2245



31.6650, 39.9278, 42.7468

Complementary

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



41.1488, 39.9278, 62.6648



51.6744, 57.9091, 44.0531

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.



32.5786, 39.9278, 34.0664



41.1488, 39.9278, 62.6648



38.2063, 39.9278, 27.0373

Square

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



41.1488, 39.9278, 62.6648



44.1641, 39.9278, 35.1554



34.9218, 39.9278, 28.6664



32.3483, 39.9278, 53.0125

Rectangle

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



41.1488, 39.9278, 62.6648



44.8534, 39.9278, 47.6378



34.9218, 39.9278, 28.6664



31.7942, 39.9278, 39.5613

Sweetspot

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



41.1500, 39.9294, 62.6657



85.7581, 88.2504, 107.1218



46.6457, 52.8168, 64.8636



18.1483, 18.6274, 22.8889



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.



41.1500, 39.9294, 62.6657



63.1483, 59.8899, 102.8394



45.6782, 42.2638, 62.8776



10.7598, 10.9254, 14.1121



7.2732, 2.9570, 36.1437



0.4275, 0.1795, 1.8671

Inverse Universe

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



48.5513, 43.8265, 59.3281



77.6903, 67.5505, 96.1155



46.8952, 55.4453, 43.8295



11.6105, 11.3729, 13.7495



20.4260, 9.9810, 25.7597



1.0743, 0.5231, 1.4371

Previews

White Background



This preview shows how the XYZ color 41.1488, 39.9278, 62.6648 looks on a white background.

Color Contrast Check

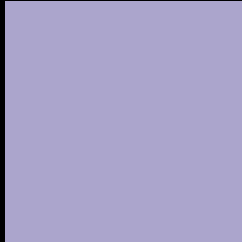
Large Text (above 18pt) WCAG AA × Fail

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 41.1488, 39.9278, 62.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

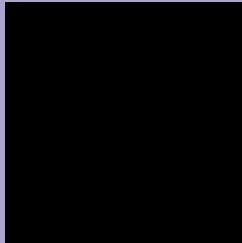
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1488, 39.9278, 62.6648

Background



This preview shows how black text looks on a background with the XYZ color 41.1488, 39.9278, 62.6648.



This preview shows how white text looks on a background with the XYZ color 41.1488, 39.9278,

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

41.1488, 39.9278, 62.6648

Protanopia

39.8412, 40.0386, 64.0209

Deuteranopia

40.8975, 40.0671, 62.7049



Tritanopia

38.5678, 39.9688, 49.9380

Trichromacy



Original Color

41.1488, 39.9278, 62.6648

Protanomaly

40.3552, 40.0445, 63.3600

Deuteranomaly

41.1129, 40.1781, 62.7150

Tritanomaly

39.4453, 40.0478, 54.3662

Monochromacy



Original Color

41.1488, 39.9278, 62.6648

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.5298, 40.4528, 50.5245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1488, 39.9278, 62.6648 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(171, 165, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 204)  
}
```

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(171, 165, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 204) }
```

Border

The CSS property to change the border of an element to XYZ 41.1488, 39.9278, 62.6648 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(171, 165, 204) }
```


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

```
.border{ border-color:rgb(171, 165, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1488, 39.9278, 62.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 204) }
```

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

```
.background{ background-color: rgb(171,  
165, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor