

Converting Colors

XYZ(41.4249, 41.5313, 58.6591)

Have a look what the booklet for
XYZ(41.4249, 41.5313, 58.6591)
contains.

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Color

**XYZ(41.4660, 41.5513,
58.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAAC5
RGB	172, 170, 197
RGB Percent	67%, 67%, 77%
CMY	0.3255, 0.3333, 0.2274
CMYK	0.13, 0.14, 0.00, 0.23
HSL	244°, 19%, 72%
HSV	244°, 14%, 77%
XYZ	41.4660, 41.5513, 58.6580
YIQ	173.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

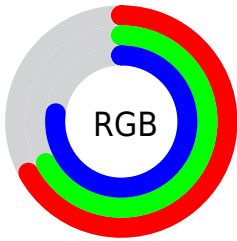
Format	Color
R _{YB}	172, 170, 197
Decimal	11315909
CIE Lab	70.56, 6.11, -13.49
CIE LCh	71, 14.814, 294.366
Yxy	41.5513, 0.2927, 0.2933
Android (android.graphics.Color)	4289505989 (0xFFACAAC5)
YUV	173.6760, 11.4987, -1.4699
Hunter-Lab	64.4603, 2.0199, -8.8309

Details

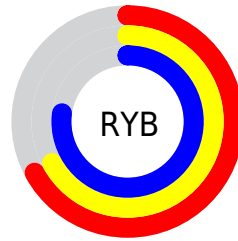
The XYZ color **41.4660, 41.5513, 58.6580** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.7291, 54.4379, 45.9187**, and the grayscale version is **40.0126, 42.0964, 45.8430**.

A 20% lighter version of the original color is **76.8095, 77.5002, 104.6767**, and **19.1821, 18.9331, 28.6301** is the 20% darker color. If you saturate the color by 10%, you get **34.3137, 32.7875, 57.3440**, and if you desaturate by 10%, it is **49.7238, 51.7087, 60.1840**.

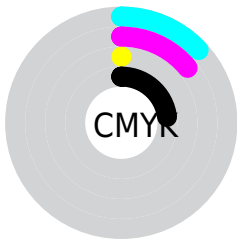
Distribution



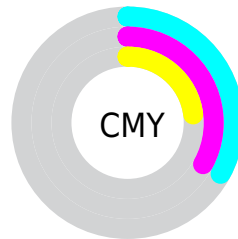
- Red (67%)
- Green (67%)
- Blue (77%)



- Red (67%)
- Yellow (67%)
- Blue (77%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4660, 41.5513, 58.6580 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 41.4660, 41.5513, 58.6580 by changing the saturation by 10% instead.

■ 41.4660, 41.5513,
58.6580

■ 41.4660, 41.5513,
58.6580

343.2939,
352.6195, 437.2999

■ 28.8727, 28.7501,
41.9197

■ 76.6610, 77.5201,
104.4047

■ 19.1283, 18.8919,
28.7133

99.9935, 101.4565,
134.2501

■ 11.8676, 11.5922,
18.6203

127.6363,
129.8734, 169.3016

■ 6.7251, 6.4666,
11.2222

159.9549,
163.1552, 209.9778

■ 3.3356, 3.1308,
6.1005

197.3146,
201.6863, 256.6972

■ 1.3336, 1.2004,
2.8365

240.0807,

■ 0.2082, 0.0620,

245.8512, 309.8783

1.0118

288.6187,
296.0341, 369.9397

■ 0.0000, 0.0000,
0.0000

■ 41.4660, 41.5513,
58.6580

■ 41.4660, 41.5513,
58.6580

■ 34.3137, 32.7875,
57.3440

■ 49.7238, 51.7087,
60.1840

■ 28.2164, 25.3515,
56.2301

■ 59.1273, 63.3112,
61.9279

■ 23.1252, 19.1801,
55.3072

■ 69.7193, 76.4144,
63.8988

■ 18.9858, 14.2028,
54.5647

■ 81.5394, 91.0690,
66.1044

■ 15.7390, 10.3421,
53.9906

■ 87.0782, 96.8113,
66.9209

■ 13.3185, 7.5117,
53.5719

■ 11.6494, 5.6121,
53.2932

■ 10.6422, 4.5245,
53.1364

■ 10.2684, 4.1293,
53.0798

Harmonies

Analogous

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



39.0332, 41.5513, 60.0178



41.4660, 41.5513, 58.6580



43.4413, 41.5513, 53.5542

Triad

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



41.4660, 41.5513, 58.6580



42.2979, 41.5513, 35.1521



34.9943, 41.5513, 43.9324

Complementary

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



41.4660, 41.5513, 58.6580



49.7291, 54.4379, 45.9187

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.



35.7919, 41.5513, 37.8382



41.4660, 41.5513, 58.6580



39.9569, 41.5513, 33.1157

Square

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



41.4660, 41.5513, 58.6580



43.9353, 41.5513, 39.9086



37.5841, 41.5513, 34.0460



35.3612, 41.5513, 51.0313

Rectangle

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



41.4660, 41.5513, 58.6580



44.1989, 41.5513, 48.9711



37.5841, 41.5513, 34.0460



35.1341, 41.5513, 41.7078

Sweetspot

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



41.4673, 41.5530, 58.6589



88.4920, 91.9163, 107.6853



46.2168, 51.6982, 60.3668



18.6851, 19.3587, 23.0017



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.



41.4673, 41.5530, 58.6589



70.8277, 70.1998, 104.4246



44.5342, 43.1341, 58.8025



10.1282, 10.3243, 13.3765



6.7815, 2.7302, 34.9139



0.3469, 0.1426, 1.6544

Inverse Universe

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



47.2524, 44.5616, 57.7425



82.9049, 76.4815, 102.4723



46.4438, 52.7443, 45.7650



11.0479, 10.8026, 13.2356



20.7412, 10.0460, 30.1765



0.9925, 0.4798, 1.4834

Previews

White Background



This preview shows how the XYZ color 41.4660, 41.5513, 58.6580 looks on a white background.

Color Contrast Check

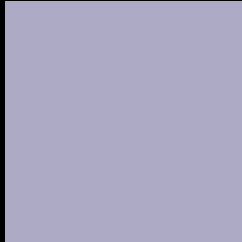
Large Text (above 18pt) WCAG AA × Fail

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 41.4660, 41.5513, 58.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

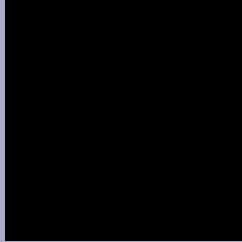
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4660, 41.5513, 58.6580

Background



This preview shows how black text looks on a background with the XYZ color 41.4660, 41.5513, 58.6580.



This preview shows how white text looks on a background with the XYZ color 41.4660, 41.5513,

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

41.4660, 41.5513, 58.6580

Protanopia

40.9044, 41.5279, 59.2859

Deuteranopia

42.4408, 41.5015, 58.5970



Tritanopia

40.1930, 41.5963, 52.3649

Trichromacy



Original Color

41.4660, 41.5513, 58.6580

Protanomaly

41.1181, 41.6381, 59.2959

Deuteranomaly

42.1705, 41.6373, 58.6375

Tritanomaly

40.6518, 41.5015, 54.5832

Monochromacy



Original Color

41.4660, 41.5513, 58.6580

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6206, 42.1488, 50.2506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4660, 41.5513, 58.6580 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(172, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 197)  
}
```

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(172, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 197) }
```

Border

The CSS property to change the border of an element to XYZ 41.4660, 41.5513, 58.6580 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(172, 170, 197) }
```


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

```
.border{ border-color:rgb(172, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4660, 41.5513, 58.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 197) }
```

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

```
.background{ background-color: rgb(172,  
170, 197) }
```

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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