

Converting Colors

XYZ(47.4020, 41.4659, 62.5432)

Have a look what the booklet for XYZ(47.4020, 41.4659, 62.5432) contains.

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Color

**XYZ(47.3846, 41.5734,
62.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	C99FCC
RGB	201, 159, 204
RGB Percent	79%, 62%, 80%
CMY	0.2118, 0.3765, 0.2000
CMYK	0.01, 0.22, 0.00, 0.20
HSL	296°, 31%, 71%
HSV	296°, 22%, 80%
XYZ	47.3846, 41.5734, 62.6538
YIQ	176.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

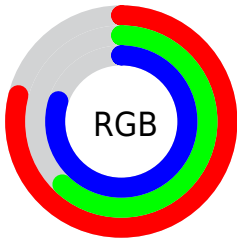
Format	Color
R _Y B	201, 159, 204
Decimal	13213644
CIE Lab	70.58, 23.29, -17.08
CIE LCh	71, 28.885, 323.743
Yxy	41.5734, 0.3125, 0.2742
Android (android.graphics.Color)	4291403724 (0xFFC99FCC)
YUV	176.6880, 13.4648, 21.3216
Hunter-Lab	64.4774, 18.3445, -12.4789

Details

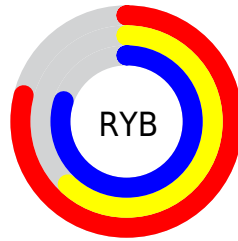
The XYZ color **47.3846, 41.5734, 62.6538** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7527, 53.3714, 40.8513**, and the grayscale version is **41.5552, 43.7193, 47.6103**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **22.7953, 18.9204, 31.3047** is the 20% darker color. If you saturate the color by 10%, you get **43.7984, 34.9406, 61.5632**, and if you desaturate by 10%, it is **51.5555, 49.3693, 63.9394**.

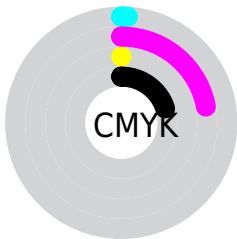
Distribution



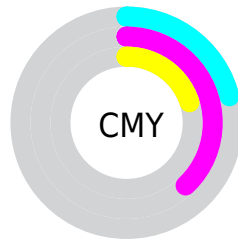
- Red (79%)
- Green (62%)
- Blue (80%)



- Red (79%)
- Yellow (62%)
- Blue (80%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)





- Cyan (21%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3846, 41.5734, 62.6538 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 47.3846, 41.5734, 62.6538 by changing the saturation by 10% instead.


 47.3846, 41.5734,
62.6538


 47.3846, 41.5734,
62.6538


366.9709,
352.7115, 452.3853

 33.5490, 28.7674,
45.1220


 85.5027, 77.5536,
110.2506

 22.7086, 18.9049,
31.2099

 110.5159,
101.4965, 141.1528

 14.4980, 11.6016,
20.4989


139.9857,
129.9206, 177.3487

 8.5519, 6.4730,
12.5706

174.2774,
163.2102, 219.2571

 4.5048, 3.1348,
7.0063

213.7565,
201.7497, 267.2964

 1.9915, 1.2025,
3.3875

258.7882,

 0.6292, 0.0637,

245.9234, 321.8852

1.2957

309.7379,
296.1159, 383.4419

■ 0.0000, 0.0000,
0.0583

■ 0.0000, 0.0000,
0.0000

■ 47.3846, 41.5734,
62.6538

■ 47.3846, 41.5734,
62.6538

■ 43.7984, 34.9406,
61.5632

■ 51.5555, 49.3693,
63.9394

■ 40.7647, 29.4088,
60.6553

■ 56.3338, 58.3759,
65.4259

■ 38.2540, 24.9182,
59.9209

■ 61.7455, 68.6444,
67.1227

■ 36.2325, 21.4012,
59.3486

■ 67.8140, 80.2217,
69.0375

34.6624, 18.7824,
58.9258

72.6158, 89.2608,
70.5292

33.5005, 16.9749,
58.6382

72.9993, 89.4585,
70.5471

32.6947, 15.8752,
58.4684

73.3862, 89.6579,
70.5652

32.2348, 15.3586,
58.3929

73.7763, 89.8591,
70.5835

74.1698, 90.0619,
70.6019

Harmonies

Analogous

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



43.3250, 41.5734, 73.8325



47.3846, 41.5734, 62.6538



49.3549, 41.5734, 48.1912

Triad

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



47.3846, 41.5734, 62.6538



40.5227, 41.5734, 23.8472



31.6964, 41.5734, 56.6926

Complementary

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



47.3846, 41.5734, 62.6538



42.7527, 53.3714, 40.8513

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.



31.0772, 41.5734, 42.4624



47.3846, 41.5734, 62.6538



35.9338, 41.5734, 25.2215

Square

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



47.3846, 41.5734, 62.6538



45.1930, 41.5734, 27.2109



32.5676, 41.5734, 31.4360



34.3324, 41.5734, 69.9347

Rectangle

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



47.3846, 41.5734, 62.6538



49.1141, 41.5734, 39.3061



32.5676, 41.5734, 31.4360



31.2547, 41.5734, 51.8006

Sweetspot

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



47.3859, 41.5752, 62.6547



89.1812, 88.9103, 107.0688



38.1193, 37.5732, 62.3706



18.9854, 18.8362, 22.8851



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.



47.3859, 41.5752, 62.6547



75.8157, 63.9176, 102.9491



46.0056, 41.1171, 51.1357



11.6108, 11.3642, 14.1519



20.3201, 9.6830, 36.7543



1.0710, 0.5113, 1.8972

Inverse Universe

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



43.8230, 40.2441, 39.6425



69.0121, 61.3819, 58.7328



43.9786, 53.7922, 50.4498



11.2422, 11.2256, 11.8098



15.7342, 8.1043, 1.0531



0.8225, 0.4224, 0.1114

Previews

White Background



This preview shows how the XYZ color 47.3846, 41.5734, 62.6538 looks on a white background.

Color Contrast Check

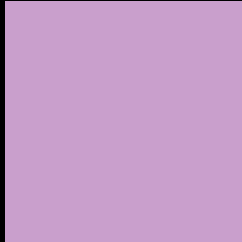
Large Text (above 18pt) WCAG AA × Fail

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 47.3846, 41.5734, 62.6538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

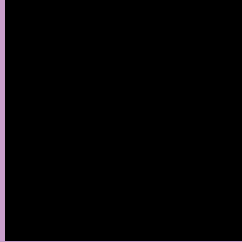
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3846, 41.5734, 62.6538

Background



This preview shows how black text looks on a background with the XYZ color 47.3846, 41.5734, 62.6538.



This preview shows how white text looks on a background with the XYZ color 47.3846, 41.5734,

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

47.3846, 41.5734, 62.6538

Protanopia

41.5508, 41.6658, 68.1397

Deuteranopia

42.7531, 41.8703, 61.7056



Tritanopia

44.2372, 41.5956, 47.2922

Trichromacy



Original Color

47.3846, 41.5734, 62.6538

Protanomaly

43.4588, 41.5880, 66.0584

Deuteranomaly

44.2422, 41.5364, 62.1854

Tritanomaly

45.1787, 41.4343, 52.6302

Monochromacy



Original Color

47.3846, 41.5734, 62.6538

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.5941, 42.7764, 52.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3846, 41.5734, 62.6538 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(201, 159, 204)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 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(201, 159, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 204) }
```

Border

The CSS property to change the border of an element to XYZ 47.3846, 41.5734, 62.6538 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(201, 159, 204) }
```


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

```
.border{ border-color:rgb(201, 159, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 159, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 204);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3846, 41.5734, 62.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 204) }
```

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

```
.background{ background-color: rgb(201,  
159, 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](#).

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