

Converting Colors

XYZ(44.4540, 40.7418, 55.2262)

Have a look what the booklet for
XYZ(44.4540, 40.7418, 55.2262)
contains.

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Color

**XYZ(44.5074, 40.7648,
55.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A1C0
RGB	194, 161, 192
RGB Percent	76%, 63%, 75%
CMY	0.2392, 0.3686, 0.2471
CMYK	0.00, 0.17, 0.01, 0.24
HSL	304°, 21%, 70%
HSV	304°, 17%, 76%
XYZ	44.5074, 40.7648, 55.3918
YIQ	174.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

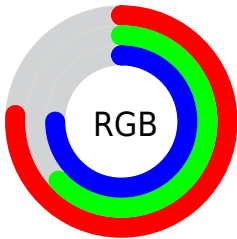
Format	Color
RYB	194, 161, 192
Decimal	12755392
CIELab	70.01, 17.53, -11.36
CIELCh	70, 20.895, 327.053
Yxy	40.7648, 0.3164, 0.2898
Android (android.graphics.Color)	4290945472 (0xFFC2A1C0)
YUV	174.4010, 8.6763, 17.1883
Hunter-Lab	63.8473, 12.6980, -6.7449

Details

The XYZ color **44.5074, 40.7648, 55.3918** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.6021, 48.8061, 41.9330**, and the grayscale version is **40.3925, 42.4961, 46.2782**.

A 20% lighter version of the original color is **81.2828, 76.3983, 99.2692**, and **20.9441, 18.3768, 26.8693** is the 20% darker color. If you saturate the color by 10%, you get **41.2474, 34.4518, 53.6653**, and if you desaturate by 10%, it is **48.2969, 48.1337, 57.3009**.

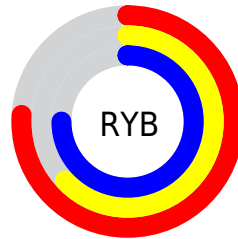
Distribution



Red (76%)

Green (63%)

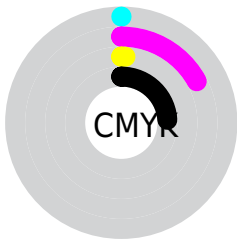
Blue (75%)



Red (76%)

Yellow (63%)

Blue (75%)

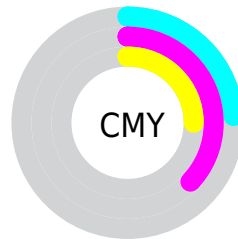


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5074, 40.7648, 55.3918 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 44.5074, 40.7648, 55.3918 by changing the saturation by 10% instead.


 44.5074, 40.7648,
55.3918


 44.5074, 40.7648,
55.3918

355.5922,
349.3366, 424.7191

 31.2692, 28.1353,
39.3148

 81.2223, 76.3267,
99.5917

 20.9568, 18.4277,
26.6950


 105.4298,
100.0280, 128.5516

 13.2047, 11.2575,
17.1139


134.0244,
128.1886, 162.6429

 7.6476, 6.2403,
10.1529

167.3716,
161.1931, 202.2841

 3.9202, 2.9917,
5.3935

205.8365,
199.4257, 247.8938

 1.6571, 1.1274,
2.4172

249.7847,

 0.4292, 0.0012,

243.2709, 299.8905

0.7958

299.5815,
293.1131, 358.6928

■ 0.0000, 0.0000,
0.0000

■ 44.5074, 40.7648,
55.3918

■ 44.5074, 40.7648,
55.3918

■ 41.2474, 34.4518,
53.6653

■ 48.2969, 48.1337,
57.3009

■ 38.4890, 29.1411,
52.1106

■ 52.6348, 56.5985,
59.3975

■ 36.2074, 24.7823,
50.7200

■ 57.5436, 66.2035,
61.6895

■ 34.3742, 21.3186,
49.4840

■ 63.0436, 76.9891,
64.1838

■ 32.9579, 18.6870,
48.3920

■ 68.1877, 87.0612,
66.5646

31.9230, 16.8166,
47.4322

68.3238, 87.1156,
67.2813

31.2280, 15.6245,
46.5908

68.4610, 87.1705,
68.0035

30.8164, 14.9975,
45.8489

68.5992, 87.2258,
68.7314

30.7170, 14.8569,
45.6358

68.7385, 87.2815,
69.4648

Harmonies

Analogous

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



41.8023, 40.7648, 63.2796



44.5074, 40.7648, 55.3918



45.6634, 40.7648, 45.3575

Triad

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



44.5074, 40.7648, 55.3918



39.0835, 40.7648, 28.1616



33.1993, 40.7648, 53.4777

Complementary

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



44.5074, 40.7648, 55.3918



40.6021, 48.8061, 41.9330

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.



32.5646, 40.7648, 43.4283



44.5074, 40.7648, 55.3918



35.8419, 40.7648, 29.6858

Square

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



44.5074, 40.7648, 55.3918



42.4190, 40.7648, 30.4296



33.5041, 40.7648, 34.9439



35.2909, 40.7648, 62.0656

Rectangle

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



44.5074, 40.7648, 55.3918



45.3524, 40.7648, 39.1080



33.5041, 40.7648, 34.9439



32.8140, 40.7648, 50.1185

Sweetspot

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



44.5086, 40.7666, 55.3927



88.9382, 90.0065, 104.5193



37.5169, 37.1364, 56.2303



19.3586, 19.4807, 22.8309



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.



44.5086, 40.7666, 55.3927



78.5789, 69.8657, 99.2853



42.8160, 40.0895, 46.4794



10.4701, 10.2366, 12.5660



20.2063, 9.7723, 30.0620



0.8812, 0.4255, 1.3417

Inverse Universe

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



44.5086, 40.7666, 55.3927



78.5789, 69.8657, 99.2853



42.1430, 49.4225, 50.0471



10.4701, 10.2366, 12.5660



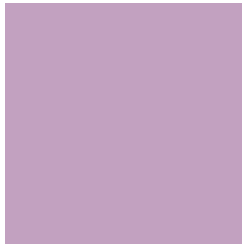
20.2063, 9.7723, 30.0620



0.8812, 0.4255, 1.3417

Previews

White Background



This preview shows how the XYZ color 44.5074, 40.7648, 55.3918 looks on a white background.

Color Contrast Check

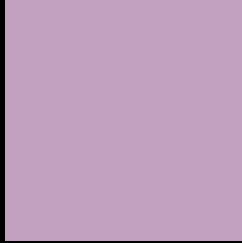
Large Text (above 18pt) WCAG AA × Fail

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 44.5074, 40.7648, 55.3918 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 44.5074, 40.7648, 55.3918

Background



This preview shows how black text looks on a background with the XYZ color 44.5074, 40.7648, 55.3918.



This preview shows how white text looks on a background with the XYZ color 44.5074, 40.7648,

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

44.5074, 40.7648, 55.3918

Protanopia

40.2937, 40.9337, 59.2034

Deuteranopia

41.8131, 40.9827, 54.9969



Tritanopia

42.8502, 40.8920, 46.7088

Trichromacy



Original Color

44.5074, 40.7648, 55.3918

Protanomaly

41.6870, 40.8531, 57.9128

Deuteranomaly

42.6263, 40.8622, 54.9308

Tritanomaly

43.5330, 40.9092, 49.8578

Monochromacy



Original Color

44.5074, 40.7648, 55.3918

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.5845, 41.5359, 49.5415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5074, 40.7648, 55.3918 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(194, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 192)  
}
```

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(194, 161, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 192) }
```

Border

The CSS property to change the border of an element to XYZ 44.5074, 40.7648, 55.3918 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(194, 161, 192) }
```


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

```
.border{ border-color:rgb(194, 161, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 161, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 161, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 161,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5074, 40.7648, 55.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 192) }
```

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

```
.background{ background-color: rgb(194,  
161, 192) }
```

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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