

Converting Colors

XYZ(54.7902, 44.5996, 73.1697)

Have a look what the booklet for
XYZ(54.7902, 44.5996, 73.1697)
contains.

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Color

**XYZ(54.7940, 44.6534,
73.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9DDC
RGB	221, 157, 220
RGB Percent	87%, 62%, 86%
CMY	0.1333, 0.3843, 0.1373
CMYK	0.00, 0.29, 0.00, 0.13
HSL	301°, 48%, 74%
HSV	301°, 29%, 87%
XYZ	54.7940, 44.6534, 73.4412
YIQ	183.3180, 17.9210, 33.1610

Conversions

Conversions Part 2

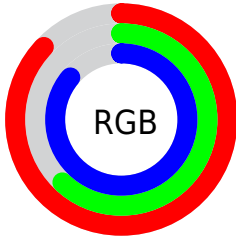
Format	Color
R _Y B	221, 157, 220
Decimal	14523868
CIE Lab	72.66, 33.97, -22.53
CIE LCh	73, 40.760, 326.444
Yxy	44.6534, 0.3169, 0.2583
Android (android.graphics.Color)	4292713948 (0xFFDD9DDC)
YUV	183.3180, 18.0842, 33.0471
Hunter-Lab	66.8232, 29.4267, -18.3857

Details

The XYZ color **54.7940, 44.6534, 73.4412** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.9344, 61.3510, 41.7711**, and the grayscale version is **45.0824, 47.4302, 51.6515**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **27.3602, 20.8191, 38.1738** is the 20% darker color. If you saturate the color by 10%, you get **51.3426, 37.8228, 72.0657**, and if you desaturate by 10%, it is **58.9246, 52.8404, 75.0445**.

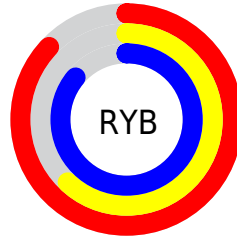
Distribution



Red (87%)

Green (62%)

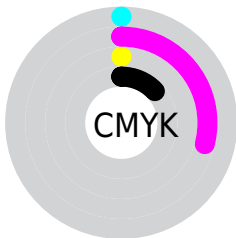
Blue (86%)



Red (87%)

Yellow (62%)

Blue (86%)

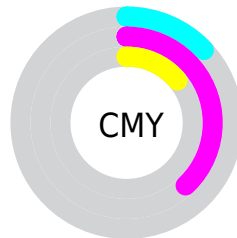


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7940, 44.6534, 73.4412 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 54.7940, 44.6534, 73.4412 by changing the saturation by 10% instead.


 54.7940, 44.6534,
73.4412


 54.7940, 44.6534,
73.4412


395.2797,
365.3680, 491.6542

 39.4700, 31.1845,
53.8428


 96.3892, 82.2001,
125.8301

 27.3079, 20.7394,
38.0837


 123.3910,
107.0466, 159.4576

 17.9424, 12.9336,
25.7453


155.0162,
136.4545, 198.5986

 11.0081, 7.3829,
16.4091

191.6301,
170.8082, 243.6716

 6.1396, 3.7027,
9.6566

233.5981,
210.4919, 295.0951

 2.9716, 1.5087,
5.0693

281.2854,

 1.1388, 0.2948,

255.8902, 353.2877

2.2285

335.0575,
307.3875, 418.6679

■ 0.0572, 0.0000,
0.6908

■ 0.0000, 0.0000,
0.0000

■ 54.7940, 44.6534,
73.4412

■ 54.7940, 44.6534,
73.4412

■ 51.3426, 37.8228,
72.0657

■ 58.9246, 52.8404,
75.0445

■ 48.5296, 32.2699,
70.9030

■ 63.7638, 62.4455,
76.8840

■ 46.3166, 27.9167,
69.9408

■ 69.3447, 73.5335,
78.9712

■ 44.6592, 24.6745,
69.1642

■ 75.6966, 86.1637,
81.3159

43.5068, 22.4423,
68.5564

78.7276, 92.1517,
82.5540

42.7997, 21.1006,
68.0976

78.7739, 92.1702,
82.7978

42.4446, 20.4625,
67.7565

78.8202, 92.1888,
83.0420

42.4148, 20.4106,
67.7234

78.8667, 92.2074,
83.2867

78.9133, 92.2260,
83.5319

Harmonies

Analogous

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



48.7809, 44.6534, 92.4171



54.7940, 44.6534, 73.4412



57.4893, 44.6534, 51.0722

Triad

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



54.7940, 44.6534, 73.4412



43.2895, 44.6534, 19.2170



31.4070, 44.6534, 68.0772

Complementary

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



54.7940, 44.6534, 73.4412



45.9344, 61.3510, 41.7711

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.



30.2797, 44.6534, 46.2475



54.7940, 44.6534, 73.4412



36.6770, 44.6534, 21.4495

Square

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



54.7940, 44.6534, 73.4412



50.3992, 44.6534, 22.8780



32.1011, 44.6534, 30.1354



35.3693, 44.6534, 88.7649

Rectangle

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



54.7940, 44.6534, 73.4412



56.8437, 44.6534, 38.4207



32.1011, 44.6534, 30.1354



30.7043, 44.6534, 60.4812

Sweetspot

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



54.7954, 44.6554, 73.4422



88.1030, 86.1983, 106.2997



39.0148, 36.5048, 73.3973



18.6344, 18.0067, 22.6682



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.



54.7954, 44.6554, 73.4422



72.6570, 55.5721, 100.3317



51.0627, 43.1623, 53.7858



13.6052, 13.2712, 16.4480



24.6433, 11.8584, 39.3632



1.5994, 0.7694, 2.5653

Inverse Universe

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



54.7954, 44.6554, 73.4422



72.6570, 55.5721, 100.3317



48.9480, 62.5564, 57.6407



13.6052, 13.2712, 16.4480



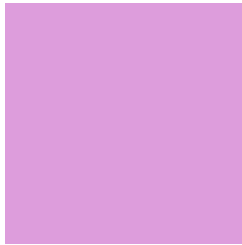
24.6433, 11.8584, 39.3632



1.5994, 0.7694, 2.5653

Previews

White Background



This preview shows how the XYZ color 54.7940, 44.6534, 73.4412 looks on a white background.

Color Contrast Check

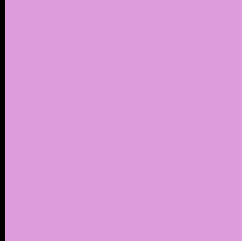
Large Text (above 18pt) WCAG AA × Fail

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 54.7940, 44.6534, 73.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

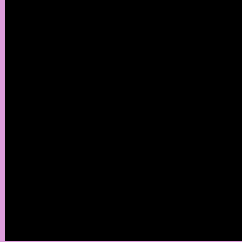
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7940, 44.6534, 73.4412

Background



This preview shows how black text looks on a background with the XYZ color 54.7940, 44.6534, 73.4412.



This preview shows how white text looks on a background with the XYZ color 54.7940, 44.6534,

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

54.7940, 44.6534, 73.4412

Protanopia

45.6777, 45.1713, 84.1534

Deuteranopia

45.9858, 45.0168, 71.9110



Tritanopia

49.5153, 44.5717, 48.1129

Trichromacy



Original Color

54.7940, 44.6534, 73.4412



Protanomaly

48.2847, 44.5969, 80.1919



Deuteranomaly

48.6498, 44.4047, 72.3365



Tritanomaly

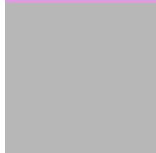
51.1612, 44.4426, 56.3339

Monochromacy



Original Color

54.7940, 44.6534, 73.4412



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.1258, 46.1279, 58.5916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7940, 44.6534, 73.4412 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(221, 157, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 157, 220)  
}
```

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(221, 157, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 157, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.7940, 44.6534, 73.4412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

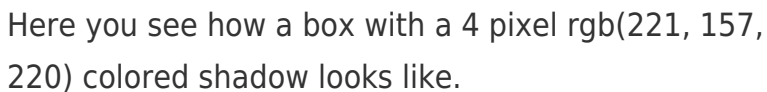
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 157, 220) }
```


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

```
.border{ border-color:rgb(221, 157, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 157, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 157, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 157, 220); box-shadow:4px 4px 4px 4px rgb(221, 157, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7940, 44.6534, 73.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 157, 220) }
```

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

```
.background{ background-color: rgb(221,  
157, 220) }
```

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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