

Converting Colors

XYZ(52.3299, 38.3877, 72.9954)

Have a look what the booklet for
XYZ(52.3299, 38.3877, 72.9954)
contains.

XYZ(52.4556, 38.3957, 73.0530)	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(52.4556, 38.3957,
73.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	E087DD
RGB	224, 135, 221
RGB Percent	88%, 53%, 87%
CMY	0.1216, 0.4706, 0.1333
CMYK	0.00, 0.40, 0.01, 0.12
HSL	302°, 59%, 70%
HSV	302°, 40%, 88%
XYZ	52.4556, 38.3957, 73.0530
YIQ	171.4150, 25.4380, 45.6140

Conversions

Conversions Part 2

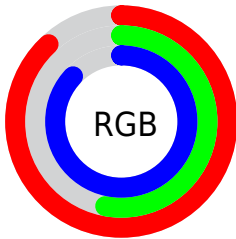
Format	Color
R_{YB}	224, 135, 221
Decimal	14714845
CIE _{Lab}	68.31, 46.72, -29.72
CIE _{LCh}	68, 55.373, 327.535
Yxy	38.3957, 0.3200, 0.2343
Android (android.graphics.Color)	4292904925 (0xFFE087DD)
YUV	171.4150, 24.4454, 46.1170
Hunter-Lab	61.9643, 42.6710, -26.5252

Details

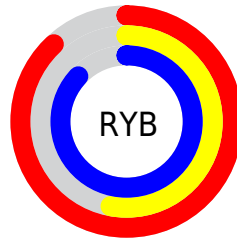
The XYZ color **52.4556, 38.3957, 73.0530** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **41.2364, 60.2986, 33.5124**, and the grayscale version is **38.7904, 40.8105, 44.4426**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **25.8366, 17.0033, 37.9966** is the 20% darker color. If you saturate the color by 10%, you get **49.5529, 32.7502, 71.5904**, and if you desaturate by 10%, it is **56.0187, 45.3597, 74.7387**.

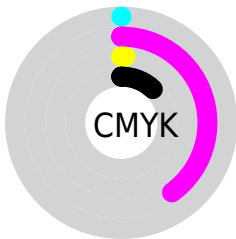
Distribution



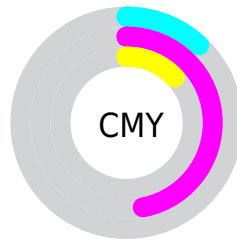
- Red (88%)
- Green (53%)
- Blue (87%)



- Red (88%)
- Yellow (53%)
- Blue (87%)



- Cyan (0%)
- Magenta (40%)
- Yellow (1%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4556, 38.3957, 73.0530 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 52.4556, 38.3957, 73.0530 by changing the saturation by 10% instead.


 52.4556, 38.3957,
73.0530

 52.4556, 38.3957,
73.0530


386.4881,
339.3144, 490.2742


 37.5941, 26.2899,
53.5272


 92.9731, 72.7142,
125.2741

 25.8436, 17.0407,
37.8332


 119.3597, 95.6958,
158.8064

 16.8387, 10.2635,
25.5524


 150.3188,
123.0714, 197.8447

 10.2142, 5.5740,
16.2664

186.2157,
155.2255, 242.8075

 5.6045, 2.5878,
9.5564

227.4157,
192.5425, 294.1133

 2.6445, 0.9206,
5.0041

274.2842,

 0.9687, 0.0000,

235.4067, 352.1806

2.1909

327.1865,
284.2025, 417.4281

■ 0.0000, 0.0000,
0.6691

■ 0.0000, 0.0000,
0.0000

■ 52.4556, 38.3957,
73.0530

■ 52.4556, 38.3957,
73.0530

■ 49.5529, 32.7502,
71.5904

■ 56.0187, 45.3597,
74.7387

■ 47.2652, 28.3348,
70.3347


■ 60.2764, 53.7129,
76.6578


■ 45.5476, 25.0587,
69.2712


■ 65.2650, 63.5272,
78.8228


■ 44.3471, 22.8162,
68.3823


■ 71.0172, 74.8680,
81.2445


 43.6010, 21.4819,
67.6472


 77.5637, 87.7967,
83.9333


 43.2029, 20.8428,
67.0302

 80.1643, 92.8329,
85.3090

 43.1937, 20.8286,
67.0141

 80.2679, 92.8743,
85.8546

 80.3720, 92.9159,
86.4026

 80.4765, 92.9578,
86.9531

Harmonies

Analogous

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



44.7617, 38.3957, 100.0911



52.4556, 38.3957, 73.0530



55.8262, 38.3957, 43.8953

Triad

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



52.4556, 38.3957, 73.0530



37.2162, 38.3957, 9.9360



23.6103, 38.3957, 68.0098

Complementary

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



52.4556, 38.3957, 73.0530



41.2364, 60.2986, 33.5124

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.



22.2360, 38.3957, 39.7848



52.4556, 38.3957, 73.0530



29.3127, 38.3957, 12.1409

Square

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



52.4556, 38.3957, 73.0530



46.2009, 38.3957, 13.0646



24.1511, 38.3957, 21.0475



28.2518, 38.3957, 96.4582

Rectangle

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



52.4556, 38.3957, 73.0530



54.8236, 38.3957, 29.0012



24.1511, 38.3957, 21.0475



22.7865, 38.3957, 57.9154

Sweetspot

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



52.4569, 38.3974, 73.0538



85.8876, 81.9403, 105.0286



32.5960, 28.1121, 74.2302



18.1894, 17.1566, 22.3968



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.



52.4569, 38.3974, 73.0538



66.9654, 44.8828, 96.2956



47.2953, 36.3328, 45.8735



14.2740, 13.9272, 17.2131



25.1505, 12.1272, 39.0541



1.7496, 0.8431, 2.7405

Inverse Universe

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



52.4569, 38.3974, 73.0538



66.9654, 44.8828, 96.2956



45.1407, 61.8603, 54.0720



14.2740, 13.9272, 17.2131



25.1505, 12.1272, 39.0541



1.7496, 0.8431, 2.7405

Previews

White Background



This preview shows how the XYZ color 52.4556, 38.3957, 73.0530 looks on a white background.

Color Contrast Check

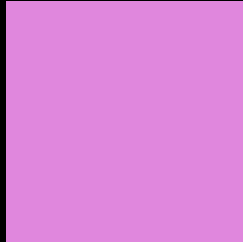
Large Text (above 18pt) WCAG AA × Fail

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 52.4556, 38.3957, 73.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

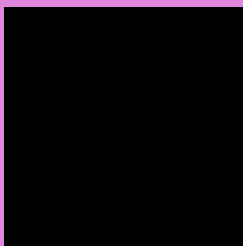
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4556, 38.3957, 73.0530

Background



This preview shows how black text looks on a background with the XYZ color 52.4556, 38.3957, 73.0530.



This preview shows how white text looks on a background with the XYZ color 52.4556, 38.3957,

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

52.4556, 38.3957, 73.0530

Protanopia

40.5891, 38.7453, 90.9273

Deuteranopia

39.5748, 38.6769, 70.3453



Tritanopia

45.1668, 38.2819, 37.8095

Trichromacy



Original Color

52.4556, 38.3957, 73.0530



Protanomaly

43.3261, 37.4965, 84.3109



Deuteranomaly

43.1022, 37.6682, 71.3286



Tritanomaly

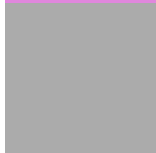
47.4794, 38.0824, 49.1042

Monochromacy



Original Color

52.4556, 38.3957, 73.0530



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.6474, 39.0750, 53.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4556, 38.3957, 73.0530 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(224, 135, 221)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 221)  
}
```

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(224, 135, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 221) }
```

Border

The CSS property to change the border of an element to XYZ 52.4556, 38.3957, 73.0530 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(224, 135, 221) }
```


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

```
.border{ border-color:rgb(224, 135, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 135, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4556, 38.3957, 73.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 135, 221) }
```

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

```
.background{ background-color: rgb(224,  
135, 221) }
```

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