

Converting Colors

XYZ(44.6622, 37.9397, 88.9765)

Have a look what the booklet for
XYZ(44.6622, 37.9397, 88.9765)
contains.

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Color

**XYZ(44.4888, 37.7515,
88.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	AD98F2
RGB	173, 152, 242
RGB Percent	68%, 60%, 95%
CMY	0.3216, 0.4039, 0.0510
CMYK	0.29, 0.37, 0.00, 0.05
HSL	254°, 78%, 77%
HSV	254°, 37%, 95%
XYZ	44.4888, 37.7515, 88.9464
YIQ	168.5390, -16.3740, 32.4420

Conversions

Conversions Part 2

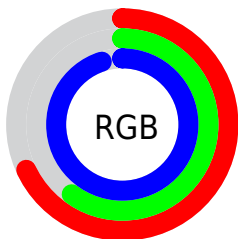
Format	Color
RYB	173, 152, 242
Decimal	11376882
CIELab	67.84, 26.85, -42.42
CIElCh	68, 50.199, 302.335
Yxy	37.7515, 0.2599, 0.2205
Android (android.graphics.Color)	4289566962 (0xFFAD98F2)
YUV	168.5390, 36.2163, 3.9123
Hunter-Lab	61.4422, 21.7235, -42.8211

Details

The XYZ color **44.4888, 37.7515, 88.9464** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **67.2393, 81.1442, 41.8257**, and the grayscale version is **37.3186, 39.2621, 42.7564**.

A 20% lighter version of the original color is **72.7544, 68.1856, 103.9343**, and **20.8819, 16.6617, 48.0144** is the 20% darker color. If you saturate the color by 10%, you get **37.1329, 28.7121, 87.5900**, and if you desaturate by 10%, it is **53.2184, 48.6900, 90.5983**.

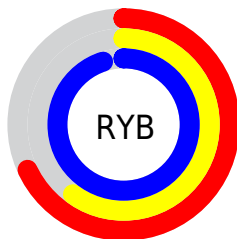
Distribution



Red (68%)

Green (60%)

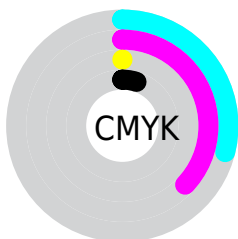
Blue (95%)



Red (68%)

Yellow (60%)

Blue (95%)

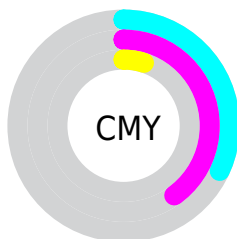


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (40%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4888, 37.7515, 88.9464 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 44.4888, 37.7515, 88.9464 by changing the saturation by 10% instead.

■ 44.4888, 37.7515,
88.9464

■ 44.4888, 37.7515,
88.9464

355.5178,
336.5528, 545.0790

■ 31.2545, 25.7899,
66.5383

■ 81.1946, 71.7271,
147.7967

■ 20.9455, 16.6665,
48.2503

■ 105.3968, 94.5099,
185.0761

■ 13.1964, 9.9970,
33.6638

133.9857,
121.6684, 228.1496

■ 7.6419, 5.3970,
22.3601

167.3266,
153.5873, 277.4359

■ 3.9165, 2.4820,
13.9209

205.7849,
190.6507, 333.3534

■ 1.6550, 0.8676,
7.9276

249.7260,

■ 0.4279, 0.0000,

233.2432, 396.3207

3.9615

299.5152,
281.7491, 466.7564

■ 0.0000, 0.0000,
1.6043

■ 0.0000, 0.0000,
0.2939

■ 44.4888, 37.7515,
88.9464

■ 44.4888, 37.7515,
88.9464

■ 37.1329, 28.7121,
87.5900

■ 53.2184, 48.6900,
90.5983

■ 31.0741, 21.4573,
86.5090

■ 63.3846, 61.6243,
92.5591

■ 26.2346, 15.8669,
85.6850

■ 75.0509, 76.6498,
94.8444

■ 22.5256, 11.8034,
85.0962

■ 88.2762, 93.8544,
97.4682

■ 19.8455, 9.1068,
84.7169

■ 93.0271, 99.1909,
98.2478

■ 18.0678, 7.5725,
84.5145

■ 17.6843, 7.2652,
84.4754

Harmonies

Analogous

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



36.4943, 37.7515, 100.4606



44.4888, 37.7515, 88.9464



50.8219, 37.7515, 64.3676

Triad

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



44.4888, 37.7515, 88.9464



43.2820, 37.7515, 13.6457



22.9185, 37.7515, 42.8745

Complementary

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



44.4888, 37.7515, 88.9464



67.2393, 81.1442, 41.8257

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.



24.2003, 37.7515, 24.2548



44.4888, 37.7515, 88.9464



35.2759, 37.7515, 11.4455

Square

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



44.4888, 37.7515, 88.9464



50.0574, 37.7515, 22.1903



28.4631, 37.7515, 14.4994



24.6719, 37.7515, 68.5294

Rectangle

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



44.4888, 37.7515, 88.9464



52.8355, 37.7515, 47.0858



28.4631, 37.7515, 14.4994



23.0085, 37.7515, 35.6533

Sweetspot

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



44.4902, 37.7530, 88.9473



79.2716, 79.5379, 105.7820



54.8335, 64.8002, 93.6228



16.5827, 16.5287, 22.5663



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.



44.4902, 37.7530, 88.9473



43.4064, 34.2676, 98.9343



56.1698, 43.7740, 89.4939



15.2424, 15.4067, 19.8920



9.5994, 3.9541, 45.3851



0.8836, 0.3728, 3.7796

Inverse Universe

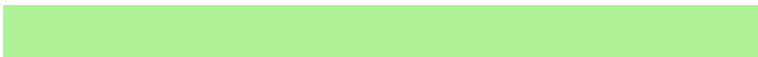
The Inverse Universe completely reimagines the original color for something new.



60.8983, 46.5554, 74.1838



64.6895, 45.7032, 78.9745



55.3252, 75.0023, 41.2681



16.2873, 15.9646, 19.0692



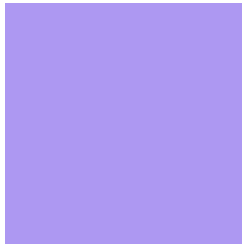
24.4613, 12.0569, 26.1435



2.0727, 1.0181, 2.3737

Previews

White Background



This preview shows how the XYZ color 44.4888, 37.7515, 88.9464 looks on a white background.

Color Contrast Check

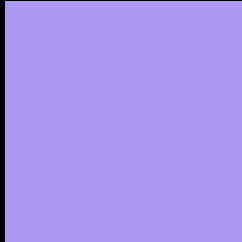
Large Text (above 18pt) WCAG AA × Fail

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 44.4888, 37.7515, 88.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

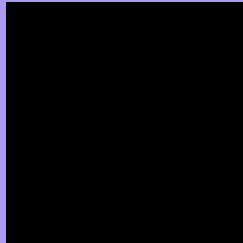
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4888, 37.7515, 88.9464

Background



This preview shows how black text looks on a background with the XYZ color 44.4888, 37.7515, 88.9464.



This preview shows how white text looks on a background with the XYZ color 44.4888, 37.7515,

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

44.4888, 37.7515, 88.9464

Protanopia

40.1644, 37.8740, 96.4603

Deuteranopia

38.9953, 37.9931, 87.7162



Tritanopia

35.9882, 37.5982, 47.4799

Trichromacy



Original Color

44.4888, 37.7515, 88.9464

Protanomaly

41.3829, 37.5269, 93.8692

Deuteranomaly

40.8424, 37.8820, 88.3784

Tritanomaly

38.6305, 37.3580, 60.4331

Monochromacy



Original Color

44.4888, 37.7515, 88.9464

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.6386, 38.7260, 57.6102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4888, 37.7515, 88.9464 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(173, 152, 242)` looks like.

```
.text, #text, p{  
    color:rgb(173, 152, 242)  
}
```

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(173, 152, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 152, 242) }
```

Border

The CSS property to change the border of an element to XYZ 44.4888, 37.7515, 88.9464 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(173, 152, 242) }
```


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

```
.border{ border-color:rgb(173, 152, 242) }
```

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

Here you see how a box with a 4 pixel rgb(173, 152, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 152, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 152, 242);  
box-shadow:4px 4px 4px 4px rgb(173, 152,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4888, 37.7515, 88.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 152, 242) }
```

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

```
.background{ background-color: rgb(173,  
152, 242) }
```

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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