

Converting Colors

XYZ(44.1000, 25.0731, 97.1230)

Have a look what the booklet for
XYZ(44.1000, 25.0731, 97.1230)
contains.

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Color

**XYZ(44.0933, 25.1249,
97.1334)**

Conversions

Conversions Part 1

Format	Color
Hex	C552FF
RGB	197, 82, 255
RGB Percent	77%, 32%, 100%
CMY	0.2274, 0.6784, 0.0000
CMYK	0.23, 0.68, 0.00, 0.00
HSL	280°, 100%, 66%
HSV	280°, 68%, 100%
XYZ	44.0933, 25.1249, 97.1334
YIQ	136.1070, 13.0070, 78.1830

Conversions

Conversions Part 2

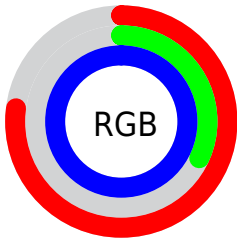
Format	Color
R_{YB}	197, 82, 255
Decimal	12931839
CIE _{Lab}	57.20, 71.56, -66.33
CIE _{LCh}	57, 97.571, 317.172
Yxy	25.1249, 0.2651, 0.1510
Android (android.graphics.Color)	4291121919 (0xFFC552FF)
YUV	136.1070, 58.6142, 53.4032
Hunter-Lab	50.1247, 69.3030, -79.8068

Details

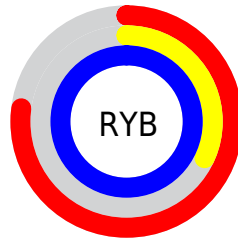
The XYZ color **44.0933, 25.1249, 97.1334** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **48.0984, 77.7047, 20.4468**, and the grayscale version is **23.2270, 24.4366, 26.6114**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **20.6570, 9.6299, 53.5933** is the 20% darker color. If you saturate the color by 10%, you get **40.3398, 20.8465, 96.5054**, and if you desaturate by 10%, it is **48.6897, 30.8984, 98.0055**.

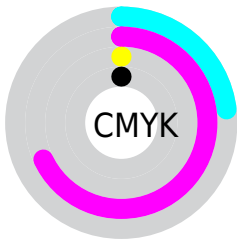
Distribution



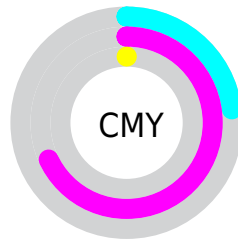
- Red (77%)
- Green (32%)
- Blue (100%)



- Red (77%)
- Yellow (32%)
- Blue (100%)



- Cyan (23%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0933, 25.1249, 97.1334 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 44.0933, 25.1249, 97.1334 by changing the saturation by 10% instead.


 44.0933, 25.1249,
97.1334

 44.0933, 25.1249,
97.1334


353.9347,
278.4594, 572.1304


 30.9421, 16.1701,
73.3052


 80.6036, 51.8598,
159.2295


 20.7064, 9.6446,
53.7322


 104.6934, 70.4087,
198.3346

 13.0208, 5.1640,
37.9959


 133.1601, 92.9244,
243.3690

 7.5199, 2.3438,
25.6777

 166.3691,
119.7914, 294.7513

 3.8385, 0.7967,
16.3591

204.6856,
151.3939, 352.9001

 1.6112, 0.0000,
9.6215

248.4752,

 0.3997, 0.0000,

188.1166, 418.2338

5.0464

298.1031,
230.3436, 491.1711

■ 0.0000, 0.0000,
2.2153

■ 0.0000, 0.0000,
0.6832

■ 44.0933, 25.1249,
97.1334

■ 44.0933, 25.1249,
97.1334

■ 40.3398, 20.8465,
96.5054

■ 48.6897, 30.8984,
98.0055

■ 37.3405, 17.8921,
96.0932

■ 54.1990, 38.3073,
99.1452

■ 34.9821, 16.0375,
95.8595

■ 60.6865, 47.4782,
100.5734

■ 34.5222, 15.7117,
95.8209

■ 68.2103, 58.5243,
102.3090

■ 76.8236, 71.5494,
104.3691

■ 86.5758, 86.6492,
106.7697

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



31.0372, 25.1249, 143.7870



44.0933, 25.1249, 97.1334



52.6517, 25.1249, 44.0011

Triad

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



44.0933, 25.1249, 97.1334



29.1450, 25.1249, 0.2432



8.3511, 25.1249, 50.6921

Complementary

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



44.0933, 25.1249, 97.1334



48.0984, 77.7047, 20.4468

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.



8.1372, 25.1249, 15.5489



44.0933, 25.1249, 97.1334



17.9183, 25.1249, 0.3771

Square

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



44.0933, 25.1249, 97.1334



42.3300, 25.1249, 2.2206



11.0384, 25.1249, 2.9212



11.7636, 25.1249, 105.2660

Rectangle

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



44.0933, 25.1249, 97.1334



53.2974, 25.1249, 20.1748



11.0384, 25.1249, 2.9212



7.9534, 25.1249, 36.0680

Sweetspot

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



44.0943, 25.1258, 97.1335



74.8700, 68.5660, 103.8962



31.2853, 28.5247, 98.4646



15.4975, 13.8749, 22.1113



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.



44.0943, 25.1258, 97.1335



39.3155, 19.7793, 96.3534



58.4075, 32.9551, 77.4483



18.1664, 17.9775, 22.7625



18.2038, 8.2949, 50.0762



1.8887, 0.8676, 4.8812

Inverse Universe

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



48.9912, 29.1885, 27.8628



45.5674, 24.7117, 19.4130



41.9442, 74.3957, 26.3233



18.2606, 18.0875, 19.9893



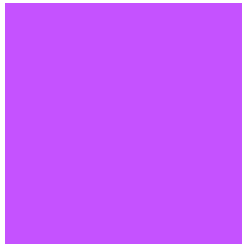
22.4775, 11.4803, 5.8991



2.2370, 1.1372, 0.8293

Previews

White Background



This preview shows how the XYZ color 44.0933, 25.1249, 97.1334 looks on a white background.

Color Contrast Check

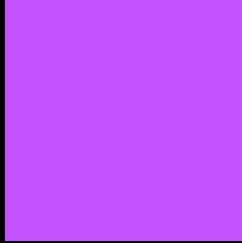
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0933, 25.1249, 97.1334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

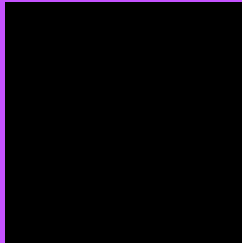
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.0933, 25.1249, 97.1334

Background



This preview shows how black text looks on a background with the XYZ color 44.0933, 25.1249, 97.1334.



This preview shows how white text looks on a background with the XYZ color 44.0933, 25.1249,

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

44.0933, 25.1249, 97.1334

Protanopia

29.2476, 25.6479, 98.0168

Deuteranopia

26.3247, 25.3902, 89.1013



Tritanopia

29.1877, 24.9049, 24.7415

Trichromacy



Original Color

44.0933, 25.1249, 97.1334



Protanomaly

31.5169, 23.2634, 97.4369



Deuteranomaly

28.1410, 22.1671, 91.6024



Tritanomaly

32.8613, 23.8403, 43.9440

Monochromacy



Original Color

44.0933, 25.1249, 97.1334



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

28.4826, 23.0146, 45.5889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0933, 25.1249, 97.1334 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(197, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 82, 255)  
}
```

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(197, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 82, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.0933, 25.1249, 97.1334 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(197, 82, 255) }
```


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

```
.border{ border-color:rgb(197, 82, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 82, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 82,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0933, 25.1249, 97.1334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 82, 255) }
```

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

```
.background{ background-color: rgb(197, 82,  
255) }
```

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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