

Converting Colors

XYZ(43.3814, 25.2207, 97.1894)

Have a look what the booklet for
XYZ(43.3814, 25.2207, 97.1894)
contains.

XYZ(43.3701, 25.2130, 97.1885)	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(43.3701, 25.2130,
97.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	C156FF
RGB	193, 86, 255
RGB Percent	76%, 34%, 100%
CMY	0.2431, 0.6627, 0.0000
CMYK	0.24, 0.66, 0.00, 0.00
HSL	278°, 100%, 67%
HSV	278°, 66%, 100%
XYZ	43.3701, 25.2130, 97.1885
YIQ	137.2590, 9.5230, 75.2430

Conversions

Conversions Part 2

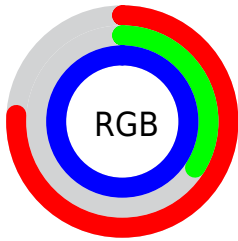
Format	Color
R _Y B	193, 86, 255
Decimal	12670719
CIE Lab	57.28, 69.06, -66.22
CIE LCh	57, 95.679, 316.205
Yxy	25.2130, 0.2616, 0.1521
Android (android.graphics.Color)	4290860799 (0xFFC156FF)
YUV	137.2590, 58.0463, 48.8849
Hunter-Lab	50.2125, 66.3039, -79.6095

Details

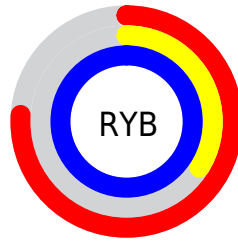
The XYZ color **43.3701, 25.2130, 97.1885** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **49.6526, 78.4878, 21.3374**, and the grayscale version is **23.6616, 24.8938, 27.1094**.

A 20% lighter version of the original color is **68.2310, 47.4486, 100.1701**, and **20.1777, 9.6359, 53.6197** is the 20% darker color. If you saturate the color by 10%, you get **39.3754, 20.6516, 96.5186**, and if you desaturate by 10%, it is **48.2435, 31.3055, 98.1076**.

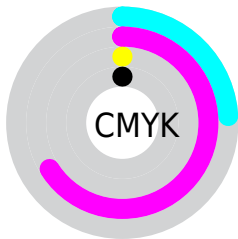
Distribution



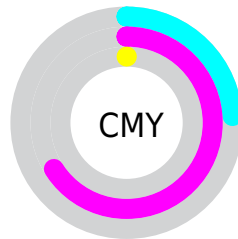
- Red (76%)
- Green (34%)
- Blue (100%)



- Red (76%)
- Yellow (34%)
- Blue (100%)



- Cyan (24%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3701, 25.2130, 97.1885 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 43.3701, 25.2130, 97.1885 by changing the saturation by 10% instead.


 43.3701, 25.2130,
97.1885


 43.3701, 25.2130,
97.1885


351.0274,
278.8970, 572.3101

 30.3714, 16.2358,
73.3509

 79.5213, 52.0026,
159.3061


 20.2701, 9.6912,
53.7694


 103.4045, 70.5837,
198.4233

 12.7010, 5.1947,
38.0254


 131.6465, 93.1350,
243.4706

 7.2985, 2.3619,
25.7004

 164.6128,
120.0408, 294.8668

 3.6975, 0.8062,
16.3759

202.6687,
151.6855, 353.0303

 1.5324, 0.0000,
9.6333

246.1795,

 0.3478, 0.0000,

188.4535, 418.3796

5.0541

295.5106,
230.7292, 491.3334

■ 0.0000, 0.0000,
2.2197

■ 0.0000, 0.0000,
0.6857

■ 43.3701, 25.2130,
97.1885

■ 43.3701, 25.2130,
97.1885

■ 39.3754, 20.6516,
96.5186

■ 48.2435, 31.3055,
98.1076

■ 36.1722, 17.4547,
96.0703

■ 54.0647, 39.0666,
99.2988

■ 33.6575, 15.4191,
95.8100

■ 60.8984, 48.6210,
100.7828

■ 32.8393, 14.8442,
95.7421

■ 68.8026, 60.0806,
102.5782

■ 77.8304, 73.5482,
104.7019

■ 88.0312, 89.1187,
107.1696

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.



30.5695, 25.2130, 141.4470



43.3701, 25.2130, 97.1885



51.9437, 25.2130, 45.1713

Triad

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



43.3701, 25.2130, 97.1885



29.5410, 25.2130, 0.4086



8.5456, 25.2130, 48.7944

Complementary

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



43.3701, 25.2130, 97.1885



49.6526, 78.4878, 21.3374

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.



8.4269, 25.2130, 15.1049



43.3701, 25.2130, 97.1885



18.3863, 25.2130, 0.4813

Square

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



43.3701, 25.2130, 97.1885



42.4157, 25.2130, 2.5587



11.4318, 25.2130, 2.9591



11.8317, 25.2130, 101.5596

Rectangle

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



43.3701, 25.2130, 97.1885



52.7867, 25.2130, 21.2487



11.4318, 25.2130, 2.9591



8.1800, 25.2130, 34.7600

Sweetspot

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



43.3711, 25.2139, 97.1886



74.3315, 68.2884, 103.8710



32.9201, 31.2627, 98.9070



15.3679, 13.8081, 22.1052



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.



43.3711, 25.2139, 97.1886



38.0940, 19.3104, 96.3272



59.6045, 33.9306, 82.2201



18.1087, 17.9478, 22.7598



17.3292, 7.8440, 50.0353



1.8076, 0.8258, 4.8774

Inverse Universe

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



49.9133, 30.0542, 31.1873



46.1793, 25.1298, 22.1005



42.1850, 74.5334, 25.7223



18.2848, 18.0972, 20.1170



22.6594, 11.5530, 6.8566



2.2567, 1.1451, 0.9332

Previews

White Background



This preview shows how the XYZ color 43.3701, 25.2130, 97.1885 looks on a white background.

Color Contrast Check

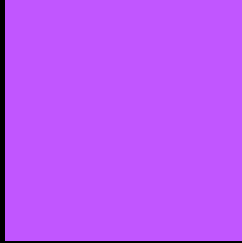
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3701, 25.2130, 97.1885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

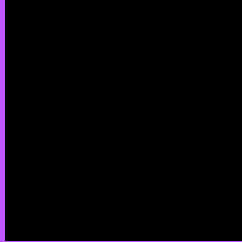
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.3701, 25.2130, 97.1885

Background



This preview shows how black text looks on a background with the XYZ color 43.3701, 25.2130, 97.1885.



This preview shows how white text looks on a background with the XYZ color 43.3701, 25.2130,

97.1885.

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

43.3701, 25.2130, 97.1885

Protanopia

29.3228, 25.6867, 98.0203

Deuteranopia

26.6225, 25.7421, 89.9518



Tritanopia

28.6749, 24.9930, 25.5031

Trichromacy



Original Color

43.3701, 25.2130, 97.1885

Protanomaly

31.7474, 23.7245, 97.5138

Deuteranomaly

28.4314, 22.6522, 92.4963

Tritanomaly

32.3341, 24.0295, 44.5289

Monochromacy



Original Color

43.3701, 25.2130, 97.1885

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

28.6213, 23.4203, 46.1921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3701, 25.2130, 97.1885 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(193, 86, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 86, 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(193, 86, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 86, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3701, 25.2130, 97.1885 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(193, 86, 255) }
```


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

```
.border{ border-color:rgb(193, 86, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 86, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 86, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 86, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 86,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3701, 25.2130, 97.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 86, 255) }
```

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

```
.background{ background-color: rgb(193, 86,  
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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