

Converting Colors

XYZ(43.7304, 25.4822, 97.2214)

Have a look what the booklet for
XYZ(43.7304, 25.4822, 97.2214)
contains.

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Color

**XYZ(43.7063, 25.5057,
97.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	C257FF
RGB	194, 87, 255
RGB Percent	76%, 34%, 100%
CMY	0.2392, 0.6588, 0.0000
CMYK	0.24, 0.66, 0.00, 0.00
HSL	278°, 100%, 67%
HSV	278°, 66%, 100%
XYZ	43.7063, 25.5057, 97.2273
YIQ	138.1450, 9.8440, 74.9320

Conversions

Conversions Part 2

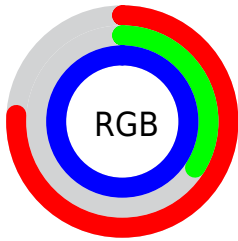
Format	Color
R_{YB}	194, 87, 255
Decimal	12736511
CIE _{Lab}	57.56, 68.84, -65.76
CIE _{LCh}	58, 95.197, 316.311
Yxy	25.5057, 0.2626, 0.1532
Android (android.graphics.Color)	4290926591 (0xFFC257FF)
YUV	138.1450, 57.6095, 48.9848
Hunter-Lab	50.5032, 66.0964, -78.7912

Details

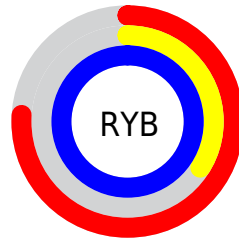
The XYZ color **43.7063, 25.5057, 97.2273** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **49.6932, 78.5041, 21.5512**, and the grayscale version is **23.9984, 25.2481, 27.4952**.

A 20% lighter version of the original color is **68.7455, 47.9358, 100.2370**, and **20.3761, 9.7949, 53.6400** is the 20% darker color. If you saturate the color by 10%, you get **39.6917, 20.8940, 96.5487**, and if you desaturate by 10%, it is **48.5998, 31.6530, 98.1559**.

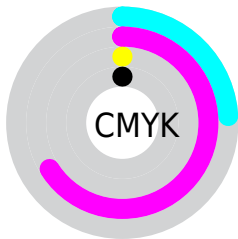
Distribution



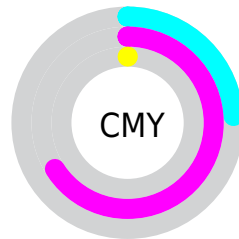
- Red (76%)
- Green (34%)
- Blue (100%)



- 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 43.7063, 25.5057, 97.2273 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 43.7063, 25.5057, 97.2273 by changing the saturation by 10% instead.

 43.7063, 25.5057,
97.2273


 43.7063, 25.5057,
97.2273

352.3809,
280.3471, 572.4366

 30.6366, 16.4542,
73.3830


 80.0247, 52.4764,
159.3601


 20.4728, 9.8461,
53.7955


 104.0041, 71.1645,
198.4857

 12.8494, 5.2971,
38.0461


 132.3508, 93.8335,
243.5422

 7.4012, 2.4226,
25.7164

 165.4301,
120.8679, 294.9481

 3.7628, 0.8375,
16.3877

203.6074,
152.6521, 353.1219

 1.5688, 0.0000,
9.6416

247.2481,

 0.3720, 0.0000,

189.5704, 418.4823

5.0595

296.7175,
232.0073, 491.4477

■ 0.0000, 0.0000,
2.2229

■ 0.0000, 0.0000,
0.6875

■ 43.7063, 25.5057,
97.2273

■ 43.7063, 25.5057,
97.2273

■ 39.6917, 20.8940,
96.5487

■ 48.5998, 31.6530,
98.1559

■ 36.4694, 17.6522,
96.0928

■ 54.4406, 39.4724,
99.3573

■ 33.9375, 15.5796,
95.8262

■ 61.2933, 49.0882,
100.8522

■ 33.0344, 14.9447,
95.7513

■ 69.2154, 60.6118,
102.6589

■ 78.2600, 74.1454,
104.7945

■ 88.4761, 89.7840,
107.2746

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.



30.9062, 25.5057, 141.3977



43.7063, 25.5057, 97.2273



52.2461, 25.5057, 45.3534

Triad

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



43.7063, 25.5057, 97.2273



29.7852, 25.5057, 0.4724



8.7451, 25.5057, 49.2958

Complementary

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



43.7063, 25.5057, 97.2273



49.6932, 78.5041, 21.5512

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.



8.6147, 25.5057, 15.4461



43.7063, 25.5057, 97.2273



18.6127, 25.5057, 0.5512

Square

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



43.7063, 25.5057, 97.2273



42.6680, 25.5057, 2.6554



11.6335, 25.5057, 3.1014



12.0720, 25.5057, 101.9679

Rectangle

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



43.7063, 25.5057, 97.2273



53.0643, 25.5057, 21.4489



11.6335, 25.5057, 3.1014



8.3722, 25.5057, 35.2281

Sweetspot

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



43.7073, 25.5066, 97.2274



74.3954, 68.3213, 103.8740



32.6654, 30.6156, 98.7955



15.3833, 13.8161, 22.1059



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.



43.7073, 25.5066, 97.2274



38.6058, 19.7443, 96.3840



59.2994, 33.9373, 80.2170



18.1156, 17.9513, 22.7601



17.4307, 7.8963, 50.0400



1.8170, 0.8306, 4.8778

Inverse Universe

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



49.9938, 30.2151, 31.2143



46.3491, 25.3810, 22.4302



42.4728, 74.6592, 26.7541



18.2819, 18.0961, 20.1018



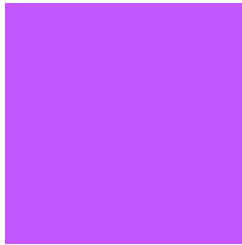
22.6367, 11.5440, 6.7372



2.2543, 1.1441, 0.9204

Previews

White Background



This preview shows how the XYZ color 43.7063, 25.5057, 97.2273 looks on a white background.

Color Contrast Check

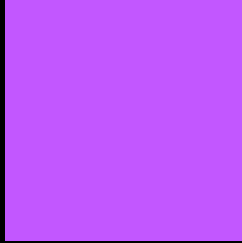
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7063, 25.5057, 97.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

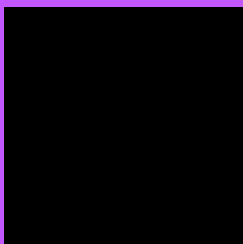
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.7063, 25.5057, 97.2273

Background



This preview shows how black text looks on a background with the XYZ color 43.7063, 25.5057, 97.2273.



This preview shows how white text looks on a background with the XYZ color 43.7063, 25.5057,

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

43.7063, 25.5057, 97.2273

Protanopia

29.6156, 26.0438, 98.0738

Deuteranopia

26.8144, 25.8410, 89.9607



Tritanopia

28.9663, 25.1352, 25.8791

Trichromacy



Original Color

43.7063, 25.5057, 97.2273



Protanomaly

31.9996, 24.0284, 97.5591



Deuteranomaly

28.8660, 23.0557, 92.5513



Tritanomaly

32.7764, 24.4070, 45.1030

Monochromacy



Original Color

43.7063, 25.5057, 97.2273



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

29.0379, 23.7989, 46.7793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7063, 25.5057, 97.2273 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(194, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 87, 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(194, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 87, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.7063, 25.5057, 97.2273 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(194, 87, 255) }
```


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

```
.border{ border-color:rgb(194, 87, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 87, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 87,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7063, 25.5057, 97.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 87, 255) }
```

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

```
.background{ background-color: rgb(194, 87,  
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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