

Converting Colors

XYZ(43.0620, 25.7962, 97.3173)

Have a look what the booklet for
XYZ(43.0620, 25.7962, 97.3173)
contains.

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Color

**XYZ(43.1124, 25.8214,
97.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5CFF
RGB	190, 92, 255
RGB Percent	75%, 36%, 100%
CMY	0.2549, 0.6392, 0.0000
CMYK	0.25, 0.64, 0.00, 0.00
HSL	276°, 100%, 68%
HSV	276°, 64%, 100%
XYZ	43.1124, 25.8214, 97.3195
YIQ	139.8840, 6.0850, 71.4690

Conversions

Conversions Part 2

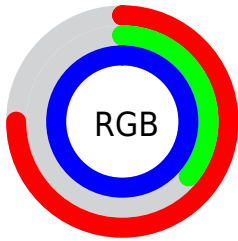
Format	Color
R _Y B	190, 92, 255
Decimal	12475647
CIE Lab	57.87, 65.78, -65.30
CIE LCh	58, 92.684, 315.211
Yxy	25.8214, 0.2593, 0.1553
Android (android.graphics.Color)	4290665727 (0xFFBE5CFF)
YUV	139.8840, 56.7522, 43.9517
Hunter-Lab	50.8148, 62.5176, -77.9808

Details

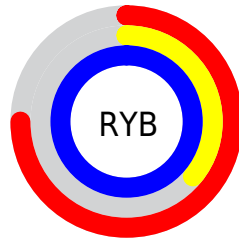
The XYZ color **43.1124, 25.8214, 97.3195** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **51.5963, 79.4608, 22.7439**, and the grayscale version is **24.6685, 25.9532, 28.2630**.

A 20% lighter version of the original color is **67.9081, 48.4114, 100.3729**, and **20.1376, 10.0245, 53.6969** is the 20% darker color. If you saturate the color by 10%, you get **38.8117, 20.8589, 96.5883**, and if you desaturate by 10%, it is **48.3353, 32.3631, 98.3069**.

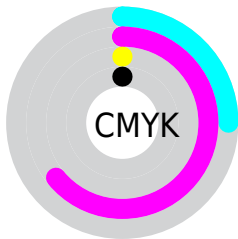
Distribution



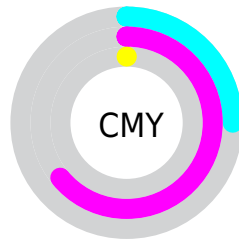
- Red (75%)
- Green (36%)
- Blue (100%)



- Red (75%)
- Yellow (36%)
- Blue (100%)



- Cyan (25%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1124, 25.8214, 97.3195 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 43.1124, 25.8214, 97.3195 by changing the saturation by 10% instead.


 43.1124, 25.8214,
97.3195


 43.1124, 25.8214,
97.3195

349.9875,
281.9042, 572.7372


 30.1682, 16.6901,
73.4595


 79.1351, 52.9867,
159.4883


 20.1150, 10.0138,
53.8577

 102.9443, 71.7894,
198.6341

 12.5874, 5.4081,
38.0955


 131.1060, 94.5848,
243.7122

 7.2201, 2.4886,
25.7544

 163.9853,
121.7571, 295.1413

 3.6477, 0.8709,
16.4159

201.9478,
153.6908, 353.3398

 1.5048, 0.0000,
9.6614

245.3588,

 0.3291, 0.0000,

190.7703, 418.7262

5.0724

294.5836,
233.3800, 491.7192

■ 0.0000, 0.0000,
2.2303

■ 0.0000, 0.0000,
0.6918

■ 43.1124, 25.8214,
97.3195

■ 43.1124, 25.8214,
97.3195

■ 38.8117, 20.8589,
96.5883

■ 48.3353, 32.3631,
98.3069

■ 35.3487, 17.3150,
96.0868

■ 54.5481, 40.6173,
99.5727

■ 32.6252, 14.9980,
95.7831

■ 61.8149, 50.7063,
101.1370

■ 31.2467, 14.0232,
95.6676

■ 70.1931, 62.7399,
103.0182

■ 79.7356, 76.8192,
105.2328

■ 90.4917, 93.0381,
107.7965

■ 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.



30.6062, 25.8214, 138.6802



43.1124, 25.8214, 97.3195



51.6452, 25.8214, 46.8750

Triad

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



43.1124, 25.8214, 97.3195



30.4302, 25.8214, 0.7101



9.1260, 25.8214, 47.4907

Complementary

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



43.1124, 25.8214, 97.3195



51.5963, 79.4608, 22.7439

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.



9.1049, 25.8214, 15.1768



43.1124, 25.8214, 97.3195



19.3377, 25.8214, 0.7225

Square

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



43.1124, 25.8214, 97.3195



42.9503, 25.8214, 3.1781



12.2576, 25.8214, 3.2533



12.3278, 25.8214, 98.0517

Rectangle

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



43.1124, 25.8214, 97.3195



52.6725, 25.8214, 22.9008



12.2576, 25.8214, 3.2533



8.7878, 25.8214, 34.0663

Sweetspot

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



43.1134, 25.8223, 97.3196



74.7399, 69.4061, 104.0652



34.5550, 33.6776, 99.2869



15.4243, 14.0133, 22.1418



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.



43.1134, 25.8223, 97.3196



37.6601, 19.6244, 96.4107



60.6031, 35.1290, 85.0158



18.0508, 17.9179, 22.7571



16.5001, 7.4166, 49.9965



1.7298, 0.7857, 4.8738

Inverse Universe

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



51.1531, 31.3490, 35.2528



47.2975, 26.1567, 26.2025



42.8968, 74.8846, 26.4651



18.3094, 18.1071, 20.2466



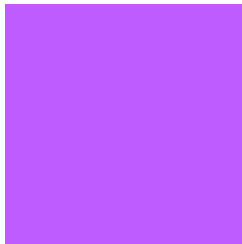
22.8624, 11.6343, 7.9261



2.2782, 1.1536, 1.0463

Previews

White Background



This preview shows how the XYZ color 43.1124, 25.8214, 97.3195 looks on a white background.

Color Contrast Check

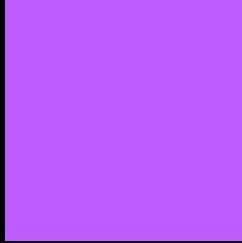
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1124, 25.8214, 97.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

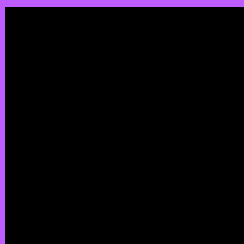
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.1124, 25.8214, 97.3195

Background



This preview shows how black text looks on a background with the XYZ color 43.1124, 25.8214, 97.3195.



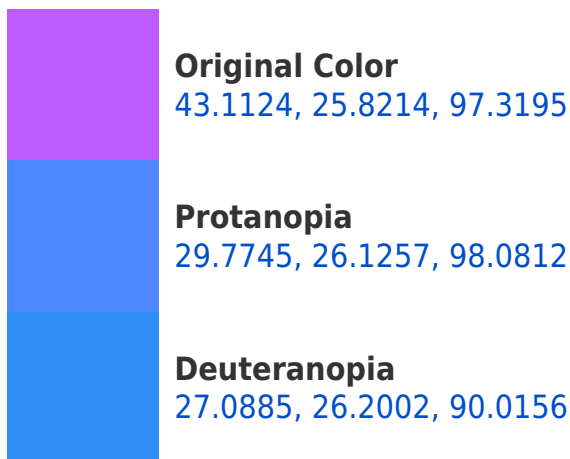
This preview shows how white text looks on a background with the XYZ color 43.1124, 25.8214,

97.3195.

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





Tritanopia

28.6823, 25.5309, 27.0832

Trichromacy



Original Color

43.1124, 25.8214, 97.3195



Protanomaly

32.1180, 24.2652, 97.5986



Deuteranomaly

29.2188, 23.6021, 92.6382



Tritanomaly

32.3870, 24.6770, 46.2362

Monochromacy



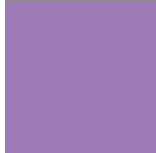
Original Color

43.1124, 25.8214, 97.3195



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

29.6270, 24.8124, 47.4837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1124, 25.8214, 97.3195 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(190, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 92, 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(190, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 92, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.1124, 25.8214, 97.3195 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(190, 92, 255) }
```


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

```
.border{ border-color:rgb(190, 92, 255) }
```

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

Here you see how a box with a 4 pixel rgb(190, 92, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 92,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1124, 25.8214, 97.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 92, 255) }
```

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

```
.background{ background-color: rgb(190, 92,  
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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