

Converting Colors

XYZ(42.5069, 24.9136, 93.8361)

Have a look what the booklet for
XYZ(42.5069, 24.9136, 93.8361)
contains.

XYZ(42.5590, 24.9879, 93.8468)	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(42.5590, 24.9879,
93.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	C057FB
RGB	192, 87, 251
RGB Percent	75%, 34%, 98%
CMY	0.2470, 0.6588, 0.0157
CMYK	0.24, 0.65, 0.00, 0.02
HSL	278°, 95%, 66%
HSV	278°, 65%, 98%
XYZ	42.5590, 24.9879, 93.8468
YIQ	137.0910, 9.9360, 73.2640

Conversions

Conversions Part 2

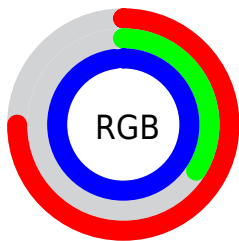
Format	Color
R _Y B	192, 87, 251
Decimal	12605435
CIE Lab	57.06, 67.59, -64.36
CIE LCh	57, 93.333, 316.402
Yxy	24.9879, 0.2637, 0.1548
Android (android.graphics.Color)	4290795515 (0xFFC057FB)
YUV	137.0910, 56.1571, 48.1552
Hunter-Lab	49.9879, 64.4936, -76.3189

Details

The XYZ color **42.5590, 24.9879, 93.8468** 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 **48.0720, 75.7939, 21.1136**, and the grayscale version is **23.6052, 24.8345, 27.0448**.

A 20% lighter version of the original color is **68.0173, 47.5604, 100.2029**, and **19.7838, 9.5719, 51.2569** is the 20% darker color. If you saturate the color by 10%, you get **38.6521, 20.4638, 93.1799**, and if you desaturate by 10%, it is **47.3144, 30.9983, 94.7567**.

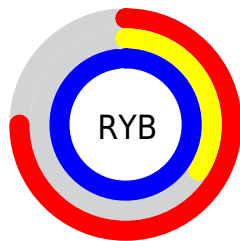
Distribution



Red (75%)

Green (34%)

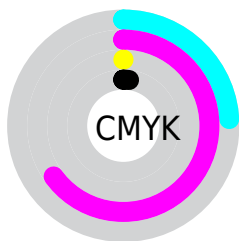
Blue (98%)



Red (75%)

Yellow (34%)

Blue (98%)

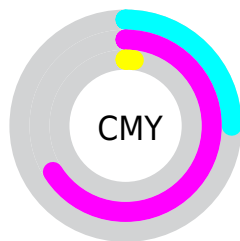


Cyan (24%)

Magenta (65%)

Yellow (0%)

Black (2%)



Cyan (25%)


Magenta (66%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5590, 24.9879, 93.8468 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 42.5590, 24.9879, 93.8468 by changing the saturation by 10% instead.

 42.5590, 24.9879,
93.8468

 42.5590, 24.9879,
93.8468

347.7473,
277.7777, 561.3563

 29.7323, 16.0680,
70.5840

 78.3048, 51.6376,
154.6523


 19.7825, 9.5723,
51.5230


 101.9546, 70.1362,
193.0320

 12.3444, 5.1163,
36.2454


 129.9428, 92.5965,
237.2878

 7.0525, 2.3157,
24.3326

 162.6348,
119.4030, 287.8382

 3.5416, 0.7820,
15.3660

200.3959,
150.9399, 345.1016

 1.4462, 0.0000,
8.9272

243.5914,

 0.2888, 0.0000,

187.5918, 409.4968

4.5976

292.5868,
229.7429, 481.4422

■ 0.0000, 0.0000,
1.9586

■ 0.0000, 0.0000,
0.5296

■ 42.5590, 24.9879,
93.8468

■ 42.5590, 24.9879,
93.8468

■ 38.6521, 20.4638,
93.1799

■ 47.3144, 30.9983,
94.7567

■ 35.5111, 17.2682,
92.7287

■ 52.9834, 38.6251,
95.9301

■ 33.0397, 15.2110,
92.4618

■ 59.6276, 47.9872,
97.3869

■ 32.0509, 14.5114,
92.3789

■ 67.3023, 59.1911,
99.1450

76.0579, 72.3349,
101.2206

85.9415, 87.5092,
103.6286

94.4127, 99.7451,
105.5439

Harmonies

Analogous

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



30.2256, 24.9879, 136.2232



42.5590, 24.9879, 93.8468



50.7539, 24.9879, 44.0467

Triad

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



42.5590, 24.9879, 93.8468



29.0689, 24.9879, 0.5362



8.7068, 24.9879, 48.1052

Complementary

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



42.5590, 24.9879, 93.8468



48.0720, 75.7939, 21.1136

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.



8.5706, 24.9879, 15.3221



42.5590, 24.9879, 93.8468



18.2728, 24.9879, 0.6188

Square

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



42.5590, 24.9879, 93.8468



41.4905, 24.9879, 2.7082



11.5055, 24.9879, 3.1828



11.9619, 24.9879, 98.7038

Rectangle

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



42.5590, 24.9879, 93.8468



51.5214, 24.9879, 21.0066



11.5055, 24.9879, 3.1828



8.3394, 24.9879, 34.5226

Sweetspot

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



42.5601, 24.9889, 93.8474



74.4521, 68.3506, 103.8767



31.7983, 29.9011, 95.3628



15.3969, 13.8231, 22.1066



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.



42.5601, 24.9889, 93.8474



39.1037, 20.1801, 96.4419



57.3539, 32.9909, 77.5720



17.3520, 17.1941, 21.7895



17.0121, 7.7127, 48.5656



1.6914, 0.7740, 4.5034

Inverse Universe

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



48.3807, 29.4016, 30.3197



46.5326, 25.6475, 22.8008



41.1815, 72.1224, 26.1818



17.5026, 17.3284, 19.2365



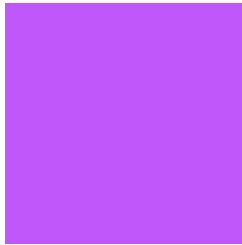
21.9518, 11.1964, 6.4545



2.0818, 1.0565, 0.8541

Previews

White Background



This preview shows how the XYZ color 42.5590, 24.9879, 93.8468 looks on a white background.

Color Contrast Check

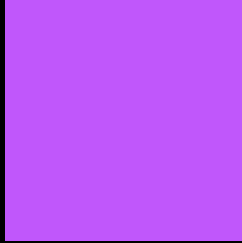
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5590, 24.9879, 93.8468 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 42.5590, 24.9879, 93.8468

Background



This preview shows how black text looks on a background with the XYZ color 42.5590, 24.9879, 93.8468.

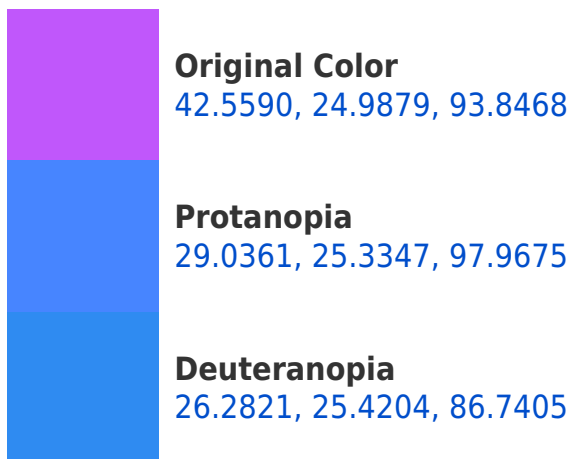


This preview shows how white text looks on a background with the XYZ color 42.5590, 24.9879,

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

28.5502, 24.7436, 25.4615

Trichromacy



Original Color

42.5590, 24.9879, 93.8468



Protanomaly

31.2050, 23.2914, 96.6169



Deuteranomaly

28.4534, 22.7348, 89.2748



Tritanomaly

32.2348, 23.9897, 44.0058

Monochromacy



Original Color

42.5590, 24.9879, 93.8468



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

28.5373, 23.5761, 45.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5590, 24.9879, 93.8468 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(192, 87, 251)` looks like.

```
.text, #text, p{  
    color:rgb(192, 87, 251)  
}
```

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(192, 87, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 87, 251) }
```

Border

The CSS property to change the border of an element to XYZ 42.5590, 24.9879, 93.8468 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(192, 87, 251) }
```


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

```
.border{ border-color:rgb(192, 87, 251) }
```

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

Here you see how a box with a 4 pixel rgb(192, 87, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 87, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 87, 251);  
box-shadow:4px 4px 4px 4px rgb(192, 87,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5590, 24.9879, 93.8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 87, 251) }
```

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

```
.background{ background-color: rgb(192, 87,  
251) }
```

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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