

Converting Colors

XYZ(91.5205, 65.1090,
101.0924)

Have a look what the booklet for
XYZ(91.5205, 65.1090, 101.0924)
contains.

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Color

**XYZ(72.5845, 55.3260,
100.6193)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5FE
RGB	255, 165, 254
RGB Percent	100%, 65%, 100%
CMY	0.0000, 0.3529, 0.0039
CMYK	0.00, 0.35, 0.00, 0.00
HSL	301°, 100%, 82%
HSV	301°, 35%, 100%
XYZ	72.5845, 55.3260, 100.6193
YIQ	202.0560, 25.0710, 46.7590

Conversions

Conversions Part 2

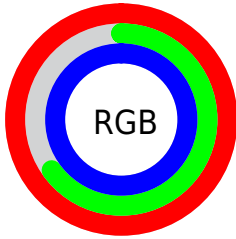
Format	Color
R _Y B	255, 165, 254
Decimal	16754174
CIE Lab	79.23, 46.56, -30.62
CIE LCh	79, 55.722, 326.667
Yxy	55.3260, 0.3176, 0.2421
Android (android.graphics.Color)	4294944254 (0xFFFFA5FE)
YUV	202.0560, 25.6084, 46.4319
Hunter-Lab	74.3814, 44.0202, -28.1374

Details

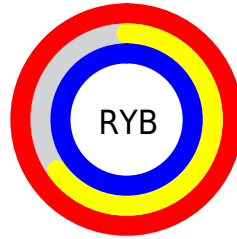
The XYZ color **72.5845, 55.3260, 100.6193** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.1616, 82.2733, 48.8936**, and the grayscale version is **56.0096, 58.9265, 64.1709**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **38.7884, 27.2704, 56.0427** is the 20% darker color. If you saturate the color by 10%, you get **68.3902, 47.0097, 98.9984**, and if you desaturate by 10%, it is **77.6981, 65.4803, 102.5484**.

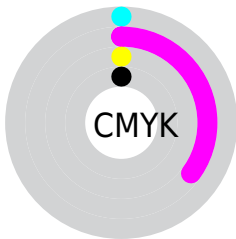
Distribution



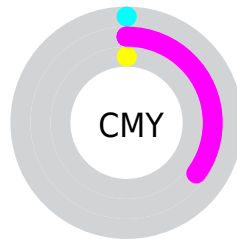
- Red (100%)
- Green (65%)
- Blue (100%)



- Red (100%)
- Yellow (65%)
- Blue (100%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5845, 55.3260, 100.6193 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 72.5845, 55.3260, 100.6193 by changing the saturation by 10% instead.


 72.5845, 55.3260,
100.6193


 72.5845, 55.3260,
100.6193


458.6996,
407.1465, 583.4400

 53.9235, 39.6628,
76.1981


 121.8935, 98.0184,
164.0673

 38.7709, 27.2757,
56.0873


 153.2721,
125.8164, 203.9311

 26.7615, 17.7804,
39.8685

189.6207,
158.4282, 249.7796

 17.5298, 10.7924,
27.1230

231.3045,
196.2380, 302.0312

 10.7106, 5.9274,
17.4324

278.6890,
239.6304, 361.1045

 5.9384, 2.8010,
10.3780

332.1394,

 2.8480, 1.0287,

288.9897, 427.4180

5.5414

392.0212,
344.7002, 501.3904

■ 1.0739, 0.0000,
2.5041

■ 0.0031, 0.0000,
0.8423

■ 72.5845, 55.3260,
100.6193

■ 72.5845, 55.3260,
100.6193

■ 68.3902, 47.0097,
98.9984

■ 77.6981, 65.4803,
102.5484

■ 65.0569, 40.4155,
97.6642

■ 83.7777, 77.5668,
104.7991

■ 62.5252, 35.4243,
96.5974

■ 90.8711, 91.6808,
107.3881

■ 60.7265, 31.8991,
95.7753

95.0500, 100.0000,
108.9000

■ 59.5811, 29.6803,
95.1713

■ 58.9902, 28.5706,
94.7525

■ 58.8375, 28.2990,
94.5973

Harmonies

Analogous

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



62.7947, 55.3260, 133.3526



72.5845, 55.3260, 100.6193



76.9935, 55.3260, 63.8772

Triad

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



72.5845, 55.3260, 100.6193



53.8406, 55.3260, 17.4132



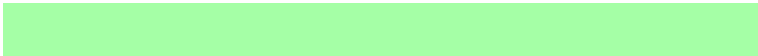
35.6757, 55.3260, 92.1729

Complementary

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



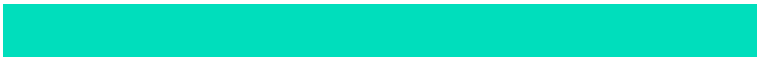
72.5845, 55.3260, 100.6193



58.1616, 82.2733, 48.8936

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.



33.9727, 55.3260, 56.7447



72.5845, 55.3260, 100.6193



43.5479, 55.3260, 20.3735

Square

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



72.5845, 55.3260, 100.6193



65.2534, 55.3260, 22.1539



36.6457, 55.3260, 32.4324



41.6737, 55.3260, 127.3872

Rectangle

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



72.5845, 55.3260, 100.6193



75.8855, 55.3260, 44.3063



36.6457, 55.3260, 32.4324



34.6221, 55.3260, 79.5994

Sweetspot

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



72.5857, 55.3281, 100.6204



86.6953, 83.3708, 105.8680



47.0244, 42.1323, 100.2616



18.3547, 17.4436, 22.5864



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.



72.5857, 55.3281, 100.6204



69.6734, 49.5521, 99.4997



66.3294, 52.8256, 67.6751



18.7835, 18.2967, 22.7430



30.7479, 14.7884, 49.4502



2.9965, 1.4410, 4.8290

Inverse Universe

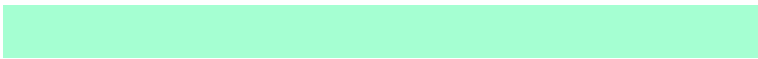
The Inverse Universe completely reimagines the original color for something new.



72.5857, 55.3281, 100.6204



69.6734, 49.5521, 99.4997



62.9115, 84.1732, 73.9059



18.7835, 18.2967, 22.7430



30.7479, 14.7884, 49.4502



2.9965, 1.4410, 4.8290

Previews

White Background



This preview shows how the XYZ color 72.5845, 55.3260, 100.6193 looks on a white background.

Color Contrast Check

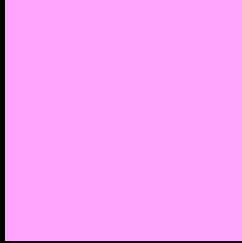
Large Text (above 18pt) WCAG AA × Fail

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 72.5845, 55.3260, 100.6193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

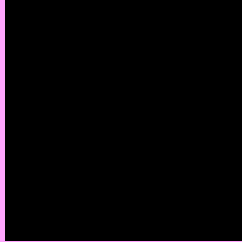
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5845, 55.3260, 100.6193

Background



This preview shows how black text looks on a background with the XYZ color 72.5845, 55.3260, 100.6193.



This preview shows how white text looks on a background with the XYZ color 72.5845, 55.3260,

100.6193.

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

72.5845, 55.3260, 100.6193

Protanopia

56.1555, 55.8339, 102.4251

Deuteranopia

56.9079, 55.6708, 97.3687



Tritanopia

63.6821, 55.3765, 56.6225

Trichromacy



Original Color

72.5845, 55.3260, 100.6193



Protanomaly

60.9226, 54.7664, 101.9677



Deuteranomaly

61.4975, 54.8291, 98.6086



Tritanomaly

66.5055, 55.0662, 70.7419

Monochromacy



Original Color

72.5845, 55.3260, 100.6193



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

61.0675, 56.9878, 76.1878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5845, 55.3260, 100.6193 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(255, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 254)  
}
```

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(255, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 254) }
```

Border

The CSS property to change the border of an element to XYZ 72.5845, 55.3260, 100.6193 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(255, 165, 254) }
```


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

```
.border{ border-color:rgb(255, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5845, 55.3260, 100.6193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 254) }
```

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

```
.background{ background-color: rgb(255,  
165, 254) }
```

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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