

Converting Colors

XYZ(98.5655, 75.4841,
227.2002)

Have a look what the booklet for
XYZ(98.5655, 75.4841, 227.2002)
contains.

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Color

**XYZ(75.3245, 66.3856,
103.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C5FF
RGB	244, 197, 255
RGB Percent	96%, 77%, 100%
CMY	0.0431, 0.2274, 0.0000
CMYK	0.04, 0.23, 0.00, 0.00
HSL	289°, 100%, 89%
HSV	289°, 23%, 100%
XYZ	75.3245, 66.3856, 103.4514
YIQ	217.6650, 9.3940, 28.0020

Conversions

Conversions Part 2

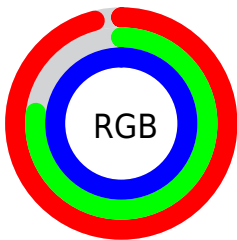
Format	Color
R_{YB}	244, 197, 255
Decimal	16041471
CIE _{Lab}	85.19, 26.53, -22.15
CIE _{LCh}	85, 34.558, 320.143
Yxy	66.3856, 0.3072, 0.2708
Android (android.graphics.Color)	4294231551 (0xFFFF4C5FF)
YUV	217.6650, 18.4062, 23.0958
Hunter-Lab	81.4774, 22.4350, -18.2461

Details

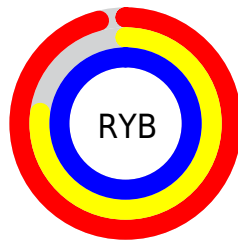
The XYZ color **75.3245, 66.3856, 103.4514** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8520, 88.9619, 66.2109**, and the grayscale version is **66.2844, 69.7364, 75.9429**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **40.5090, 34.2869, 57.9091** is the 20% darker color. If you saturate the color by 10%, you get **68.3613, 54.9168, 101.6047**, and if you desaturate by 10%, it is **83.3148, 79.8413, 105.6275**.

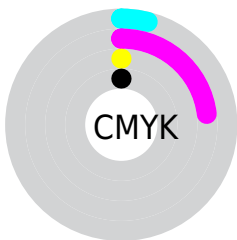
Distribution



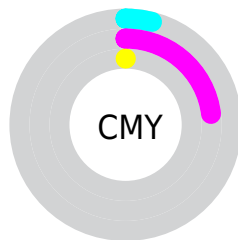
- Red (96%)
- Green (77%)
- Blue (100%)



- Red (96%)
- Yellow (77%)
- Blue (100%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3245, 66.3856, 103.4514 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 75.3245, 66.3856, 103.4514 by changing the saturation by 10% instead.

75.3245, 66.3856,
103.4514

75.3245, 66.3856,
103.4514

468.0122,
447.7547, 592.5433

56.1739, 48.5855,
78.5532

125.7571,
114.0396, 167.9853

40.5799, 34.2908,
58.0094

157.7697,
144.6623, 208.4580

28.1772, 23.1171,
41.4014

194.8004,
180.3279, 254.9593

18.6004, 14.6800,
28.3108

237.2145,
221.4209, 307.9077

11.4842, 8.5951,
18.3190

285.3774,
268.3257, 367.7218

6.4632, 4.4780,
11.0075

339.6544,

3.1720, 1.9444,

321.4267, 434.8200

5.9576

400.4109,
381.1082, 509.6210

■ 1.2454, 0.5749,
2.7510

■ 0.1418, 0.0000,
0.9689

■ 75.3245, 66.3856,
103.4514

■ 75.3245, 66.3856,
103.4514

■ 68.3613, 54.9168,
101.6047

■ 83.3148, 79.8413,
105.6275

■ 62.3700, 45.3278,
100.0696

■ 92.3727, 95.3674,
108.1469

■ 57.2986, 37.5143,
98.8288

95.0500, 100.0000,
108.9000

■ 53.0877, 31.3581,
97.8624

■ 49.6710, 26.7267,
97.1486

■ 46.9715, 23.4669,
96.6616

■ 44.8961, 21.3930,
96.3707

■ 43.6822, 20.4339,
96.2496

Harmonies

Analogous

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



68.4041, 66.3856, 120.5705



75.3245, 66.3856, 103.4514



79.0569, 66.3856, 79.8880

Triad

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



75.3245, 66.3856, 103.4514



65.7000, 66.3856, 37.6863



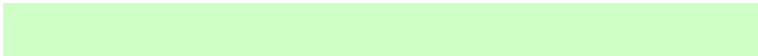
50.0388, 66.3856, 88.1050

Complementary

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



75.3245, 66.3856, 103.4514



71.8520, 88.9619, 66.2109

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.



49.4449, 66.3856, 65.1760



75.3245, 66.3856, 103.4514



58.0727, 66.3856, 38.9920

Square

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



75.3245, 66.3856, 103.4514



73.2053, 66.3856, 44.0705



52.2709, 66.3856, 48.1023



53.9658, 66.3856, 110.5211

Rectangle

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



75.3245, 66.3856, 103.4514



79.0418, 66.3856, 64.9798



52.2709, 66.3856, 48.1023



49.4560, 66.3856, 80.1131

Sweetspot

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



75.3264, 66.3884, 103.4518



88.3832, 88.4989, 107.0314



63.7808, 64.4980, 103.6955



18.8000, 18.7407, 22.8764



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.



75.3264, 66.3884, 103.4518



72.2390, 61.2683, 102.6263



76.5816, 67.3446, 89.5449



18.4351, 18.1161, 22.7751



22.9455, 10.7393, 50.2981



2.3171, 1.0884, 4.9012

Inverse Universe

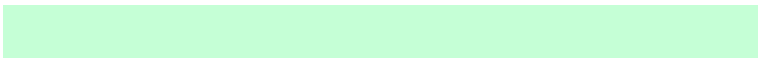
The Inverse Universe completely reimagines the original color for something new.



72.5930, 65.7492, 68.5415



69.1633, 60.5742, 62.2054



70.9766, 88.2667, 77.1853



18.1501, 18.0433, 19.4075



21.8713, 11.2378, 2.7070



2.1650, 1.1084, 0.4505

Previews

White Background



This preview shows how the XYZ color 75.3245, 66.3856, 103.4514 looks on a white background.

Color Contrast Check

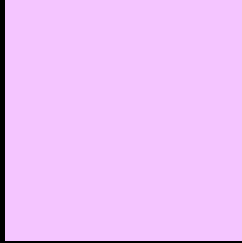
Large Text (above 18pt) WCAG AA × Fail

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 75.3245, 66.3856, 103.4514 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 75.3245, 66.3856, 103.4514

Background



This preview shows how black text looks on a background with the XYZ color 75.3245, 66.3856, 103.4514.



This preview shows how white text looks on a background with the XYZ color 75.3245, 66.3856,

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

75.3245, 66.3856, 103.4514

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

68.0171, 66.4997, 102.1794



Tritanopia

69.7387, 66.1771, 76.1157

Trichromacy



Original Color

75.3245, 66.3856, 103.4514



Protanomaly

69.0347, 66.2680, 103.7602



Deuteranomaly

70.5336, 66.3490, 102.8551



Tritanomaly

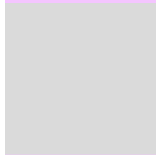
71.7278, 66.3003, 85.3607

Monochromacy



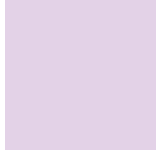
Original Color

75.3245, 66.3856, 103.4514



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.1490, 68.1936, 85.1194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3245, 66.3856, 103.4514 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(244, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 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(244, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.3245, 66.3856, 103.4514 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(244, 197, 255) }
```


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

```
.border{ border-color:rgb(244, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3245, 66.3856, 103.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 255) }
```

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

```
.background{ background-color: rgb(244,  
197, 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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