

Converting Colors

XYZ(76.5529, 66.1808, 92.9460)

Have a look what the booklet for
XYZ(76.5529, 66.1808, 92.9460)
contains.

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Color

**XYZ(76.5588, 66.2544,
92.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2F2
RGB	255, 194, 242
RGB Percent	100%, 76%, 95%
CMY	0.0000, 0.2392, 0.0510
CMYK	0.00, 0.24, 0.05, 0.00
HSL	313°, 100%, 88%
HSV	313°, 24%, 100%
XYZ	76.5588, 66.2544, 92.7577
YIQ	217.7110, 20.9480, 27.8600

Conversions

Conversions Part 2

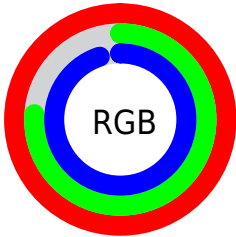
Format	Color
RYB	255, 194, 242
Decimal	16761586
CIELab	85.13, 29.33, -15.24
CIElCh	85, 33.052, 332.543
Yxy	66.2544, 0.3250, 0.2813
Android (android.graphics.Color)	4294951666 (0xFFFFC2F2)
YUV	217.7110, 11.9745, 32.7025
Hunter-Lab	81.3968, 25.4460, -10.5876

Details

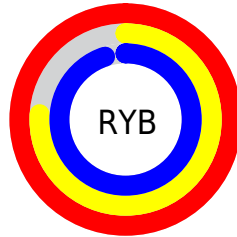
The XYZ color **76.5588, 66.2544, 92.7577** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2727, 87.4953, 72.2717**, and the grayscale version is **66.3531, 69.8086, 76.0216**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **41.5297, 34.3071, 50.8875** is the 20% darker color. If you saturate the color by 10%, you get **70.5590, 55.5416, 86.7910**, and if you desaturate by 10%, it is **83.5595, 78.9297, 99.1795**.

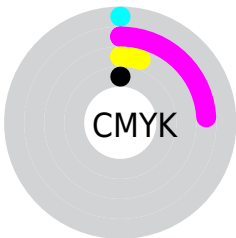
Distribution



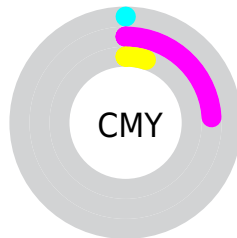
- Red (100%)
- Green (76%)
- Blue (95%)



- Red (100%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5588, 66.2544, 92.7577 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 76.5588, 66.2544, 92.7577 by changing the saturation by 10% instead.


 76.5588, 66.2544,
92.7577

 76.5588, 66.2544,
92.7577


472.1735,
447.2862, 557.7612

 57.1895, 48.4789,
69.6836


 127.4926,
113.8514, 153.1319

 41.3981, 34.2063,
50.7934

159.7879,
144.4417, 191.2691

 28.8194, 23.0522,
35.6686


197.1225,
180.0725, 235.2644

 19.0878, 14.6320,
23.8907

239.8619,
221.1280, 285.5363

 11.8381, 8.5615,
15.0411

288.3713,
267.9927, 342.5034

 6.7050, 4.4563,
8.7013

343.0161,

 3.3230, 1.9320,

321.0511, 406.5842

4.4527

404.1617,
380.6874, 478.1973

■ 1.3268, 0.5675,
1.8769

■ 0.2031, 0.0000,
0.4779

■ 76.5588, 66.2544,
92.7577

■ 76.5588, 66.2544,
92.7577

■ 70.5590, 55.5416,
86.7910

■ 83.5595, 78.9297,
99.1795

■ 65.5059, 46.6837,
81.2576

■ 91.6031, 93.6520,
106.0687

■ 61.3464, 39.5752,
76.1398

95.0500, 100.0000,
108.9000

■ 58.0209, 34.0966,
71.4165

■ 55.4617, 30.1133,
67.0641

■ 53.5907, 27.4693,
63.0556

■ 52.3124, 25.9738,
59.3579

■ 51.7421, 25.4609,
57.2334

Harmonies

Analogous

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



70.9974, 66.2544, 112.5453



76.5588, 66.2544, 92.7577



78.3953, 66.2544, 70.3347

Triad

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



76.5588, 66.2544, 92.7577



62.3393, 66.2544, 38.4260



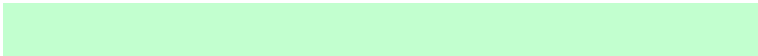
51.6524, 66.2544, 96.5361

Complementary

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



76.5588, 66.2544, 92.7577



69.2727, 87.4953, 72.2717

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.



49.7185, 66.2544, 73.9755



76.5588, 66.2544, 92.7577



55.5769, 66.2544, 42.7876

Square

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



76.5588, 66.2544, 92.7577



69.8115, 66.2544, 41.5154



51.0974, 66.2544, 54.8287



56.5960, 66.2544, 115.0117

Rectangle

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



76.5588, 66.2544, 92.7577



77.1516, 66.2544, 57.5267



51.0974, 66.2544, 54.8287



50.6472, 66.2544, 89.0390

Sweetspot

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



76.5603, 66.2571, 92.7591



89.0111, 88.8927, 103.8954



62.8536, 58.9573, 102.6749



18.9459, 18.8321, 22.1479



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.



76.5603, 66.2571, 92.7591



73.3895, 60.5743, 89.6714



72.4552, 64.6150, 71.1418



18.6171, 18.2302, 21.8669



27.0935, 13.3267, 30.2065



2.6774, 1.3133, 3.1486

Inverse Universe

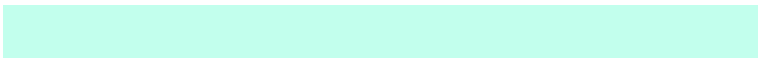
The Inverse Universe completely reimagines the original color for something new.



76.5603, 66.2571, 92.7591



73.3895, 60.5743, 89.6714



73.2522, 89.0871, 93.2272



18.6171, 18.2302, 21.8669



27.0935, 13.3267, 30.2065



2.6774, 1.3133, 3.1486

Previews

White Background



This preview shows how the XYZ color 76.5588, 66.2544, 92.7577 looks on a white background.

Color Contrast Check

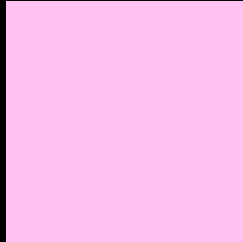
Large Text (above 18pt) WCAG AA × Fail

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 76.5588, 66.2544, 92.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

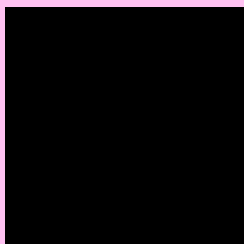
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5588, 66.2544, 92.7577

Background



This preview shows how black text looks on a background with the XYZ color 76.5588, 66.2544, 92.7577.



This preview shows how white text looks on a background with the XYZ color 76.5588, 66.2544,

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

76.5588, 66.2544, 92.7577

Protanopia

65.9257, 66.5177, 102.2931

Deuteranopia

67.7116, 66.2298, 90.8762



Tritanopia

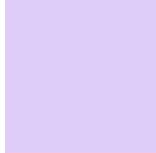
72.3447, 66.2111, 72.5854

Trichromacy



Original Color

76.5588, 66.2544, 92.7577



Protanomaly

69.3616, 66.1902, 98.7428



Deuteranomaly

70.4530, 65.8560, 91.4363



Tritanomaly

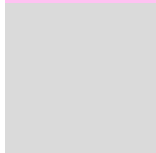
73.5657, 66.0098, 79.3848

Monochromacy



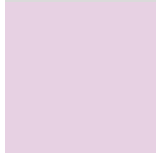
Original Color

76.5588, 66.2544, 92.7577



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.6206, 68.1359, 82.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5588, 66.2544, 92.7577 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, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 242)  
}
```

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, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.5588, 66.2544, 92.7577 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, 194, 242) }
```


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

```
.border{ border-color:rgb(255, 194, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5588, 66.2544, 92.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 242) }
```

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

```
.background{ background-color: rgb(255,  
194, 242) }
```

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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