

Converting Colors

XYZ(97.7073, 76.6862, 96.7059)

Have a look what the booklet for
XYZ(97.7073, 76.6862, 96.7059)
contains.

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Color

**XYZ(76.9445, 66.0537,
95.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1F6
RGB	255, 193, 246
RGB Percent	100%, 76%, 96%
CMY	0.0000, 0.2431, 0.0353
CMYK	0.00, 0.24, 0.04, 0.00
HSL	309°, 100%, 88%
HSV	309°, 24%, 100%
XYZ	76.9445, 66.0537, 95.8830
YIQ	217.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

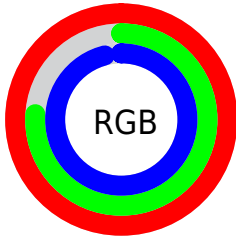
Format	Color
R _Y B	255, 193, 246
Decimal	16761334
CIE Lab	85.02, 30.55, -17.52
CIE LCh	85, 35.218, 330.163
Yxy	66.0537, 0.3221, 0.2765
Android (android.graphics.Color)	4294951414 (0xFFFFC1F6)
YUV	217.5800, 14.0111, 32.8173
Hunter-Lab	81.2734, 26.7639, -13.0565

Details

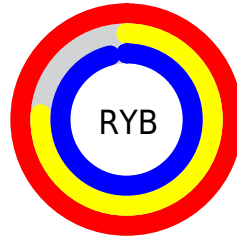
The XYZ color **76.9445, 66.0537, 95.8830** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4150, 87.1227, 69.0904**, and the grayscale version is **66.2499, 69.7000, 75.9034**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **41.8156, 34.1887, 53.1104** is the 20% darker color. If you saturate the color by 10%, you get **71.2236, 55.5119, 91.2016**, and if you desaturate by 10%, it is **83.6515, 78.5490, 100.9508**.

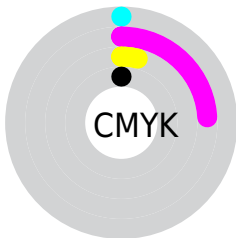
Distribution



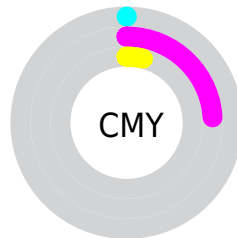
- Red (100%)
- Green (76%)
- Blue (96%)



- Red (100%)
- Yellow (76%)
- Blue (96%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9445, 66.0537, 95.8830 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 76.9445, 66.0537, 95.8830 by changing the saturation by 10% instead.

76.9445, 66.0537,
95.8830

76.9445, 66.0537,
95.8830

473.4696,
446.5689, 568.0443

57.5071, 48.3160,
72.2692

128.0344,
113.5634, 157.4900

41.6542, 34.0772,
52.8904

160.4176,
144.1042, 196.3202

29.0206, 22.9529,
37.3282

197.8468,
179.6815, 241.0597

19.2407, 14.5587,
25.1639

240.6872,
220.6796, 292.1270

11.9494, 8.5103,
15.9791

289.3044,
267.4830, 349.9405

6.7812, 4.4232,
9.3552

344.0636,

3.3707, 1.9130,

320.4761, 414.9189

4.8736

405.3303,
380.0433, 487.4807

■ 1.3527, 0.5562,
2.1158

■ 0.2222, 0.0000,
0.6252

■ 76.9445, 66.0537,
95.8830

■ 76.9445, 66.0537,
95.8830

■ 71.2236, 55.5119,
91.2016

■ 83.6515, 78.5490,
100.9508

■ 66.4345, 46.8160,
86.8854

■ 91.3865, 93.0824,
106.4165

■ 62.5243, 39.8599,
82.9174

95.0500, 100.0000,
108.9000

■ 59.4330, 34.5237,
79.2773

■ 57.0929, 30.6723,
75.9421

■ 55.4254, 28.1485,
72.8854

■ 54.3342, 26.7600,
70.0747

■ 53.8930, 26.3212,
68.5596

Harmonies

Analogous

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



70.7514, 66.0537, 116.6180



76.9445, 66.0537, 95.8830



79.2801, 66.0537, 71.7969

Triad

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



76.9445, 66.0537, 95.8830



62.7386, 66.0537, 36.5218



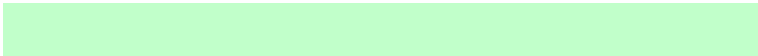
50.5113, 66.0537, 96.1443

Complementary

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



76.9445, 66.0537, 95.8830



68.4150, 87.1227, 69.0904

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.



48.7480, 66.0537, 72.0457



76.9445, 66.0537, 95.8830



55.4349, 66.0537, 40.4121

Square

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



76.9445, 66.0537, 95.8830



70.6699, 66.0537, 40.3274



50.4737, 66.0537, 52.3264



55.5041, 66.0537, 116.7898

Rectangle

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



76.9445, 66.0537, 95.8830



78.1945, 66.0537, 57.9072



50.4737, 66.0537, 52.3264



49.5409, 66.0537, 88.0314

Sweetspot

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



76.9460, 66.0563, 95.8844



89.2032, 88.9695, 104.9069



61.2817, 57.8176, 102.5378



18.9905, 18.8500, 22.3827



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.



76.9460, 66.0563, 95.8844



74.1436, 60.8759, 93.6421



72.6719, 64.3467, 73.3775



18.6726, 18.2524, 22.1591



28.2036, 13.7707, 36.0520



2.7757, 1.3527, 3.6662

Inverse Universe

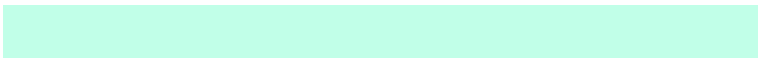
The Inverse Universe completely reimagines the original color for something new.



76.9460, 66.0563, 95.8844



74.1436, 60.8759, 93.6421



72.3575, 88.6997, 89.8513



18.6726, 18.2524, 22.1591



28.2036, 13.7707, 36.0520



2.7757, 1.3527, 3.6662

Previews

White Background



This preview shows how the XYZ color 76.9445, 66.0537, 95.8830 looks on a white background.

Color Contrast Check

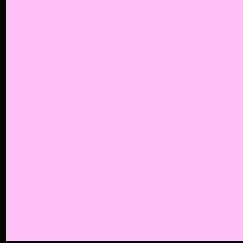
Large Text (above 18pt) WCAG AA × Fail

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 76.9445, 66.0537, 95.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

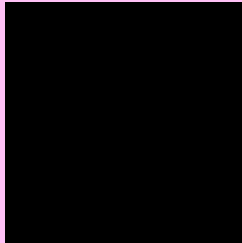
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9445, 66.0537, 95.8830

Background



This preview shows how black text looks on a background with the XYZ color 76.9445, 66.0537, 95.8830.



This preview shows how white text looks on a background with the XYZ color 76.9445, 66.0537,

95.8830.

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

76.9445, 66.0537, 95.8830

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

67.7039, 66.1568, 93.9952



Tritanopia

72.3447, 66.2111, 72.5854

Trichromacy



Original Color

76.9445, 66.0537, 95.8830



Protanomaly

69.2878, 65.7436, 101.1334



Deuteranomaly

70.7284, 65.9285, 94.5856



Tritanomaly

73.8386, 66.1189, 80.8220

Monochromacy



Original Color

76.9445, 66.0537, 95.8830



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.7591, 68.1913, 82.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9445, 66.0537, 95.8830 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, 193, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 246)  
}
```

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, 193, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 246) }
```

Border

The CSS property to change the border of an element to XYZ 76.9445, 66.0537, 95.8830 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, 193, 246) }
```


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

```
.border{ border-color:rgb(255, 193, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9445, 66.0537, 95.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 246) }
```

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

```
.background{ background-color: rgb(255,  
193, 246) }
```

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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