

Converting Colors

XYZ(142.0807, 100.0000,
98.5073)

Have a look what the booklet for
XYZ(142.0807, 100.0000, 98.5073)
contains.

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Color

**XYZ(77.0132, 66.4361,
95.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2F5
RGB	255, 194, 245
RGB Percent	100%, 76%, 96%
CMY	0.0000, 0.2392, 0.0392
CMYK	0.00, 0.24, 0.04, 0.00
HSL	310°, 100%, 88%
HSV	310°, 24%, 100%
XYZ	77.0132, 66.4361, 95.1506
YIQ	218.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

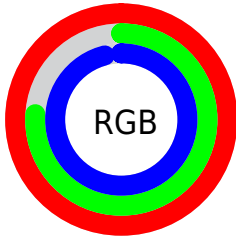
Format	Color
RYB	255, 194, 245
Decimal	16761589
CIELab	85.22, 29.85, -16.70
CIElCh	85, 34.202, 330.779
Yxy	66.4361, 0.3228, 0.2784
Android (android.graphics.Color)	4294951669 (0xFFFFC2F5)
YUV	218.0530, 13.2849, 32.4025
Hunter-Lab	81.5083, 26.0162, -12.1577

Details

The XYZ color **77.0132, 66.4361, 95.1506** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.9092, 87.3499, 70.3579**, and the grayscale version is **66.5801, 70.0475, 76.2817**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **41.8521, 34.4361, 52.5851** is the 20% darker color. If you saturate the color by 10%, you get **71.1866, 55.7925, 90.0960**, and if you desaturate by 10%, it is **83.8309, 79.0382, 100.6085**.

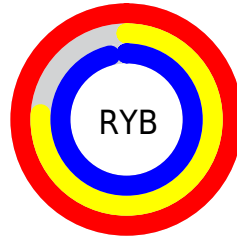
Distribution



Red (100%)

Green (76%)

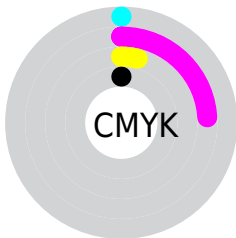
Blue (96%)



Red (100%)

Yellow (76%)

Blue (96%)

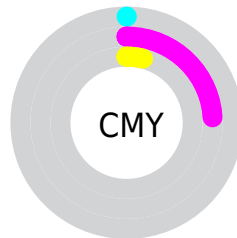


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0132, 66.4361, 95.1506 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 77.0132, 66.4361, 95.1506 by changing the saturation by 10% instead.

77.0132, 66.4361,
95.1506

77.0132, 66.4361,
95.1506

473.7003,
447.9349, 565.6436

57.5637, 48.6265,
71.6627

128.1309,
114.1120, 156.4700

41.6999, 34.3233,
52.3981

160.5297,
144.7471, 195.1387

29.0564, 23.1421,
36.9380

197.9757,
180.4262, 239.7046

19.2680, 14.6984,
24.8641

240.8342,
221.5337, 290.5865

11.9693, 8.6080,
15.7577

289.4705,
268.4539, 348.2028

6.7948, 4.4864,
9.2004

344.2501,

3.3793, 1.9492,

321.5712, 412.9721

4.7735

405.5382,
381.2701, 485.3128

■ 1.3574, 0.5777,
2.0586

■ 0.2255, 0.0000,
0.5910

■ 77.0132, 66.4361,
95.1506

■ 77.0132, 66.4361,
95.1506

■ 71.1866, 55.7925,
90.0960

■ 83.8309, 79.0382,
100.6085

■ 66.2969, 47.0001,
85.4235

■ 91.6814, 93.6832,
106.4814

■ 62.2914, 39.9531,
81.1159

95.0500, 100.0000,
108.9000

■ 59.1102, 34.5323,
77.1529

■ 56.6860, 30.6030,
73.5114

■ 54.9408, 28.0093,
70.1651

■ 53.7791, 26.5605,
67.0816

■ 53.2754, 26.0741,
65.3073

Harmonies

Analogous

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



71.0538, 66.4361, 115.3763



77.0132, 66.4361, 95.1506



79.1892, 66.4361, 71.7612

Triad

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



77.0132, 66.4361, 95.1506



62.9439, 66.4361, 37.6000



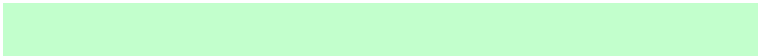
51.2266, 66.4361, 96.3573

Complementary

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



77.0132, 66.4361, 95.1506



68.9092, 87.3499, 70.3579

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.



49.4298, 66.4361, 72.9171



77.0132, 66.4361, 95.1506



55.8469, 66.4361, 41.6044

Square

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



77.0132, 66.4361, 95.1506



70.6764, 66.4361, 41.2060



51.0513, 66.4361, 53.4977



56.1696, 66.4361, 116.1670

Rectangle

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



77.0132, 66.4361, 95.1506



78.0728, 66.4361, 58.2741



51.0513, 66.4361, 53.4977



50.2536, 66.4361, 88.4992

Sweetspot

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



77.0147, 66.4388, 95.1520



89.1500, 88.9482, 104.6268



62.0139, 58.5244, 102.6356



18.9782, 18.8450, 22.3177



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.



77.0147, 66.4388, 95.1520



73.9332, 60.7917, 92.5342



72.8443, 64.7706, 73.1912



18.6572, 18.2462, 22.0781



27.8851, 13.6433, 34.3748



2.7476, 1.3414, 3.5185

Inverse Universe

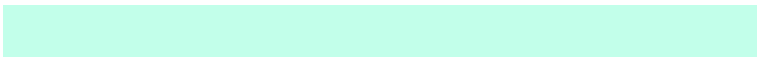
The Inverse Universe completely reimagines the original color for something new.



77.0147, 66.4388, 95.1520



73.9332, 60.7917, 92.5342



72.8109, 88.9106, 90.9040



18.6572, 18.2462, 22.0781



27.8851, 13.6433, 34.3748



2.7476, 1.3414, 3.5185

Previews

White Background



This preview shows how the XYZ color 77.0132, 66.4361, 95.1506 looks on a white background.

Color Contrast Check

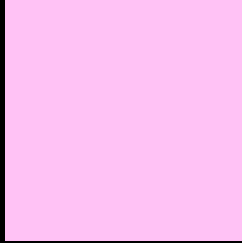
Large Text (above 18pt) WCAG AA × Fail

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 77.0132, 66.4361, 95.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

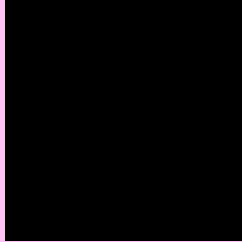
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0132, 66.4361, 95.1506

Background



This preview shows how black text looks on a background with the XYZ color 77.0132, 66.4361, 95.1506.



This preview shows how white text looks on a background with the XYZ color 77.0132, 66.4361,

95.1506.

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

77.0132, 66.4361, 95.1506

Protanopia

66.2461, 66.6459, 103.9801

Deuteranopia

68.0981, 66.7382, 93.2970



Tritanopia

72.4728, 66.2624, 73.2602

Trichromacy



Original Color

77.0132, 66.4361, 95.1506



Protanomaly

69.6753, 66.3157, 100.3947



Deuteranomaly

71.1379, 66.5066, 93.8817



Tritanomaly

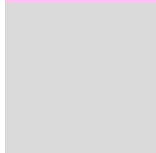
73.8386, 66.1189, 80.8220

Monochromacy



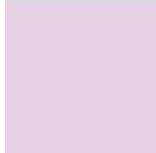
Original Color

77.0132, 66.4361, 95.1506



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 77.0132, 66.4361, 95.1506 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.0132, 66.4361, 95.1506 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, 245) }
```


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

```
.border{ border-color:rgb(255, 194, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 245); box-shadow:4px 4px 4px 4px rgb(255, 194, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0132, 66.4361, 95.1506 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
194, 245) }
```

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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