

Converting Colors

XYZ(68.0738, 53.4961, 76.9450)

Have a look what the booklet for
XYZ(68.0738, 53.4961, 76.9450)
contains.

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Color

**XYZ(68.1497, 53.5521,
77.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5E0
RGB	255, 165, 224
RGB Percent	100%, 65%, 88%
CMY	0.0000, 0.3529, 0.1216
CMYK	0.00, 0.35, 0.12, 0.00
HSL	321°, 100%, 82%
HSV	321°, 35%, 100%
XYZ	68.1497, 53.5521, 77.2657
YIQ	198.6360, 34.7010, 37.4290

Conversions

Conversions Part 2

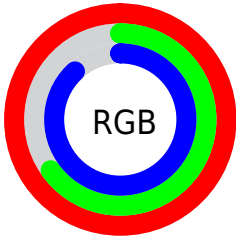
Format	Color
R _Y B	255, 165, 224
Decimal	16754144
CIE Lab	78.20, 41.49, -15.98
CIE LCh	78, 44.456, 338.937
Yxy	53.5521, 0.3425, 0.2691
Android (android.graphics.Color)	4294944224 (0xFFFFA5E0)
YUV	198.6360, 12.5045, 49.4312
Hunter-Lab	73.1793, 38.1680, -11.3753

Details

The XYZ color **68.1497, 53.5521, 77.2657** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2427, 83.5057, 65.1180**, and the grayscale version is **53.9763, 56.7873, 61.8413**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **35.8718, 26.1038, 40.6840** is the 20% darker color. If you saturate the color by 10%, you get **62.8398, 44.7896, 69.7697**, and if you desaturate by 10%, it is **74.4405, 64.1774, 85.3936**.

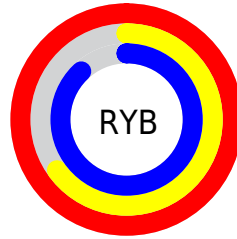
Distribution



Red (100%)

Green (65%)

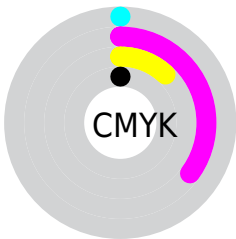
Blue (88%)



Red (100%)

Yellow (65%)

Blue (88%)

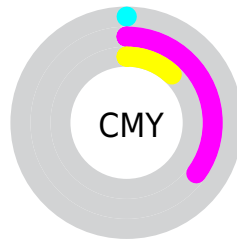


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1497, 53.5521, 77.2657 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 68.1497, 53.5521, 77.2657 by changing the saturation by 10% instead.

 68.1497, 53.5521,
77.2657


 68.1497, 53.5521,
77.2657

443.3946,
400.3997, 505.1312

 50.2937, 38.2437,
56.9581


 115.6070, 95.4163,
131.2909

 35.8655, 26.1719,
40.5625


 145.9390,
122.7408, 165.8456

 24.5000, 16.9523,
27.6602


181.1603,
154.8396, 205.9864

 15.8317, 10.2005,
17.8329

221.6363,
192.0969, 252.1319

 9.4952, 5.5321,
10.6619

267.7324,
234.8972, 304.7006

 5.1253, 2.5627,
5.7287


319.8139,


 2.3565, 0.9080,


283.6248, 364.1110


2.6147


378.2462,
338.6642, 430.7817


 0.8233, 0.0000,
0.9000


 0.0000, 0.0000,
0.0000


 68.1497, 53.5521,
77.2657


 68.1497, 53.5521,
77.2657


 62.8398, 44.7896,
69.7697


 74.4405, 64.1774,
85.3936

 58.4514, 37.7734,
62.8794

 81.7597, 76.7598,
94.1718

 54.9241, 32.3839,
56.5706

 90.1559, 91.3949,
103.6213

 52.1886, 28.4840,
50.8154

95.0500, 100.0000,
108.9000

■ 50.1641, 25.9135,
45.5821

■ 48.7508, 24.4748,
40.8323

■ 48.2302, 24.0561,
38.7398

Harmonies

Analogous

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



62.1464, 53.5521, 104.0452



68.1497, 53.5521, 77.2657



69.2662, 53.5521, 51.1827

Triad

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



68.1497, 53.5521, 77.2657



48.3464, 53.5521, 22.6462



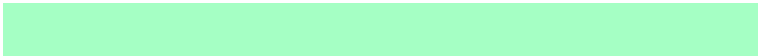
38.9713, 53.5521, 93.8741

Complementary

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



68.1497, 53.5521, 77.2657



61.2427, 83.5057, 65.1180

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.



36.1058, 53.5521, 66.0682



68.1497, 53.5521, 77.2657



41.0989, 53.5521, 28.4322

Square

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



68.1497, 53.5521, 77.2657



57.1478, 53.5521, 24.0685



36.8378, 53.5521, 42.7382



45.1244, 53.5521, 115.3762

Rectangle

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



68.1497, 53.5521, 77.2657



66.9778, 53.5521, 38.0747



36.8378, 53.5521, 42.7382



37.6254, 53.5521, 84.6800

Sweetspot

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



68.1509, 53.5544, 77.2668



85.2285, 82.7841, 98.1439



54.0130, 45.7351, 100.5887



18.0032, 17.3030, 20.7353



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.



68.1509, 53.5544, 77.2668



64.4833, 47.4761, 72.1694



62.9350, 51.4680, 49.8000



18.5112, 18.1878, 21.3094



25.2743, 12.5990, 20.6268



2.5123, 1.2473, 2.2793

Inverse Universe

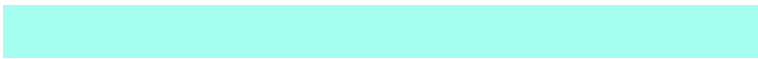
The Inverse Universe completely reimagines the original color for something new.



68.1509, 53.5544, 77.2668



64.4833, 47.4761, 72.1694



67.0067, 85.8113, 95.4705



18.5112, 18.1878, 21.3094



25.2743, 12.5990, 20.6268



2.5123, 1.2473, 2.2793

Previews

White Background



This preview shows how the XYZ color 68.1497, 53.5521, 77.2657 looks on a white background.

Color Contrast Check

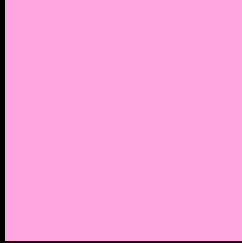
Large Text (above 18pt) WCAG AA × Fail

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 68.1497, 53.5521, 77.2657 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 68.1497, 53.5521, 77.2657

Background



This preview shows how black text looks on a background with the XYZ color 68.1497, 53.5521, 77.2657.



This preview shows how white text looks on a background with the XYZ color 68.1497, 53.5521,

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

68.1497, 53.5521, 77.2657

Protanopia

54.1681, 54.0552, 91.5831

Deuteranopia

54.9353, 53.8419, 75.2073



Tritanopia

62.9338, 53.3318, 52.8760

Trichromacy



Original Color

68.1497, 53.5521, 77.2657



Protanomaly

58.0178, 53.0094, 85.7712



Deuteranomaly

58.8876, 53.0786, 75.5481



Tritanomaly

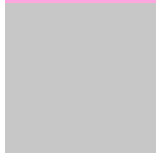
64.6417, 53.1949, 60.8935

Monochromacy



Original Color

68.1497, 53.5521, 77.2657



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.3689, 55.1548, 67.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1497, 53.5521, 77.2657 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.1497, 53.5521, 77.2657 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, 224) }
```


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

```
.border{ border-color:rgb(255, 165, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1497, 53.5521, 77.2657 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
165, 224) }
```

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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