

Converting Colors

XYZ(69.7141, 60.1942, 77.5184)

Have a look what the booklet for
XYZ(69.7141, 60.1942, 77.5184)
contains.

XYZ(69.7352, 60.1654, 77.7497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.7352, 60.1654,
77.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B9DF
RGB	249, 185, 223
RGB Percent	98%, 73%, 87%
CMY	0.0235, 0.2745, 0.1255
CMYK	0.00, 0.26, 0.10, 0.02
HSL	324°, 84%, 85%
HSV	324°, 26%, 98%
XYZ	69.7352, 60.1654, 77.7497
YIQ	208.4680, 25.9460, 25.3860

Conversions

Conversions Part 2

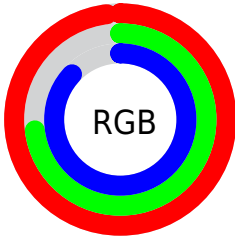
Format	Color
R _Y B	249, 185, 223
Decimal	16366047
CIE Lab	81.93, 28.86, -9.92
CIE LCh	82, 30.517, 341.029
Yxy	60.1654, 0.3358, 0.2897
Android (android.graphics.Color)	4294556127 (0xFFFF9B9DF)
YUV	208.4680, 7.1643, 35.5466
Hunter-Lab	77.5664, 24.7374, -5.1337

Details

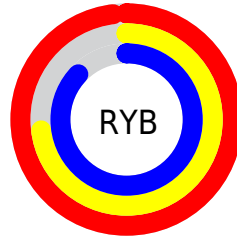
The XYZ color **69.7352, 60.1654, 77.7497** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6436, 82.7705, 74.1484**, and the grayscale version is **60.2026, 63.3378, 68.9749**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **36.9224, 30.2662, 40.9417** is the 20% darker color. If you saturate the color by 10%, you get **63.6521, 50.1165, 69.1928**, and if you desaturate by 10%, it is **76.8155, 72.0766, 87.0425**.

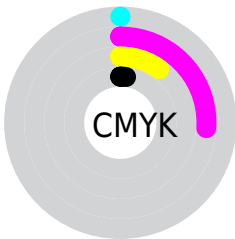
Distribution



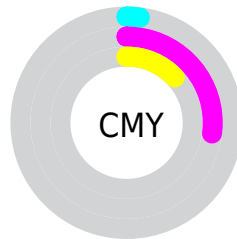
- Red (98%)
- Green (73%)
- Blue (87%)



- Red (98%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7352, 60.1654, 77.7497 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 69.7352, 60.1654, 77.7497 by changing the saturation by 10% instead.

69.7352, 60.1654,
77.7497

69.7352, 60.1654,
77.7497

448.9006,
425.2072, 506.8217

51.5895, 43.5520,
57.3532

117.8594,
105.0696, 131.9799

36.9009, 30.3184,
40.8776

148.5686,
134.1291, 166.6506

25.3041, 20.0804,
27.9045

184.1963,
168.1061, 206.9164

16.4337, 12.4535,
18.0152

225.1080,
207.3850, 253.1960

9.9244, 7.0533,
10.7914

271.6689,
252.3501, 305.9077

5.4107, 3.4955,
5.8143


324.2444,


2.5274, 1.3956,


303.3859, 365.4703


2.6656


383.1998,
360.8768, 432.3021


 0.9091, 0.2134,
0.9260


 0.0000, 0.0000,
0.0000


 69.7352, 60.1654,
77.7497


 69.7352, 60.1654,
77.7497


 63.6521, 50.1165,
69.1928


 76.8155, 72.0766,
87.0425


 58.5119, 41.8261,
61.3447

 84.9332, 85.9309,
97.0893

 54.2631, 35.1926,
54.1817

 92.6128, 98.7741,
107.4055

 50.8468, 30.1006,
47.6768

 92.8773, 98.8799,
108.7983

■ 48.1965, 26.4196,
41.8004

■ 46.2349, 23.9974,
36.5188

■ 44.8664, 22.6457,
31.7922

■ 44.3997, 22.2729,
29.9084

Harmonies

Analogous

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



65.7199, 60.1654, 96.1269



69.7352, 60.1654, 77.7497



70.2440, 60.1654, 58.9467

Triad

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



69.7352, 60.1654, 77.7497



54.8453, 60.1654, 36.4636



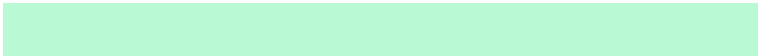
48.3297, 60.1654, 91.7040

Complementary

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



69.7352, 60.1654, 77.7497



65.6436, 82.7705, 74.1484

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.



45.8547, 60.1654, 72.5430



69.7352, 60.1654, 77.7497



49.4237, 60.1654, 42.2005

Square

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



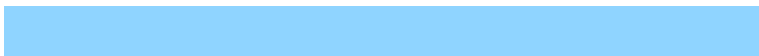
69.7352, 60.1654, 77.7497



61.3131, 60.1654, 37.3321



46.2395, 60.1654, 54.6272



53.2472, 60.1654, 105.1715

Rectangle

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



69.7352, 60.1654, 77.7497



68.4859, 60.1654, 48.8524



46.2395, 60.1654, 54.6272



47.2018, 60.1654, 85.5793

Sweetspot

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



69.7370, 60.1681, 77.7510



87.5780, 87.1455, 99.9677



61.1999, 55.3305, 97.0777



18.4620, 18.1681, 21.0502



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.



69.7370, 60.1681, 77.7510



70.0591, 57.6125, 77.1576



65.8662, 58.6198, 57.3677



17.6771, 17.3982, 20.1556



23.8385, 11.9511, 16.3899



2.2604, 1.1279, 1.7946

Inverse Universe

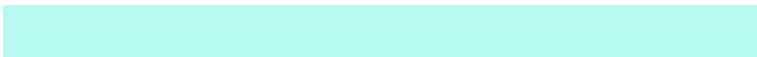
The Inverse Universe completely reimagines the original color for something new.



69.7370, 60.1681, 77.7510



70.0591, 57.6125, 77.1576



70.0026, 84.5141, 97.1023



17.6771, 17.3982, 20.1556



23.8385, 11.9511, 16.3899



2.2604, 1.1279, 1.7946

Previews

White Background



This preview shows how the XYZ color 69.7352, 60.1654, 77.7497 looks on a white background.

Color Contrast Check

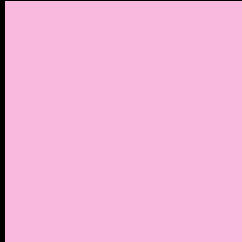
Large Text (above 18pt) WCAG AA × Fail

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 69.7352, 60.1654, 77.7497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

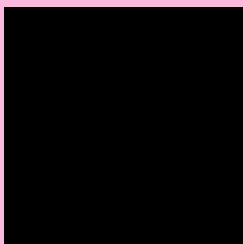
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7352, 60.1654, 77.7497

Background



This preview shows how black text looks on a background with the XYZ color 69.7352, 60.1654, 77.7497.



This preview shows how white text looks on a background with the XYZ color 69.7352, 60.1654,

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

69.7352, 60.1654, 77.7497

Protanopia

59.5250, 60.3237, 86.3482

Deuteranopia

61.5641, 60.2076, 76.7831



Tritanopia

66.7687, 59.8711, 64.5371

Trichromacy



Original Color

69.7352, 60.1654, 77.7497



Protanomaly

62.6381, 59.9447, 83.1320



Deuteranomaly

64.2497, 59.9078, 77.2843



Tritanomaly

67.7610, 59.9679, 68.9763

Monochromacy



Original Color

69.7352, 60.1654, 77.7497



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.0959, 61.8006, 71.5540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7352, 60.1654, 77.7497 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(249, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 223)  
}
```

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(249, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.7352, 60.1654, 77.7497 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(249, 185, 223) }
```


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

```
.border{ border-color:rgb(249, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7352, 60.1654, 77.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 223) }
```

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

```
.background{ background-color: rgb(249,  
185, 223) }
```

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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