

Converting Colors

XYZ(73.3860, 60.0022, 97.4119)

Have a look what the booklet for
XYZ(73.3860, 60.0022, 97.4119)
contains.

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Color

**XYZ(73.5650, 60.1775,
97.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB4F9
RGB	252, 180, 249
RGB Percent	99%, 71%, 98%
CMY	0.0118, 0.2941, 0.0235
CMYK	0.00, 0.29, 0.01, 0.01
HSL	303°, 92%, 85%
HSV	303°, 29%, 99%
XYZ	73.5650, 60.1775, 97.3607
YIQ	209.3940, 20.7630, 36.7230

Conversions

Conversions Part 2

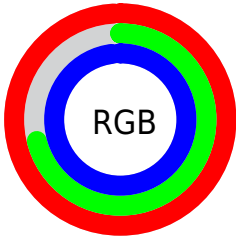
Format	Color
R _Y B	252, 180, 249
Decimal	16561401
CIE Lab	81.93, 36.94, -23.83
CIE LCh	82, 43.959, 327.177
Yxy	60.1775, 0.3183, 0.2604
Android (android.graphics.Color)	4294751481 (0xFFFCB4F9)
YUV	209.3940, 19.5258, 37.3655
Hunter-Lab	77.5742, 33.5201, -20.1110

Details

The XYZ color **73.5650, 60.1775, 97.3607** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.1825, 82.7449, 57.4970**, and the grayscale version is **60.7301, 63.8928, 69.5793**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **39.2234, 30.1968, 53.6304** is the 20% darker color. If you saturate the color by 10%, you get **68.7701, 50.8480, 94.9571**, and if you desaturate by 10%, it is **79.2894, 71.3622, 100.0800**.

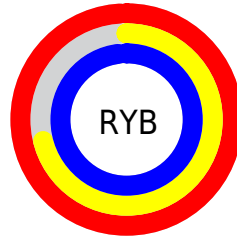
Distribution



Red (99%)

Green (71%)

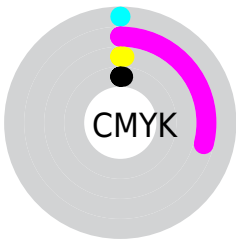
Blue (98%)



Red (99%)

Yellow (71%)

Blue (98%)

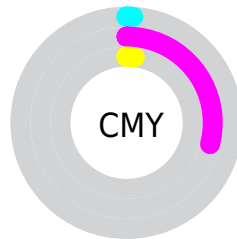


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5650, 60.1775, 97.3607 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 73.5650, 60.1775, 97.3607 by changing the saturation by 10% instead.


 73.5650, 60.1775,
97.3607

 73.5650, 60.1775,
97.3607

462.0442,
425.2517, 572.8715

 54.7281, 43.5617,
73.4936


 123.2778,
105.0871, 159.5455

 39.4171, 30.3261,
53.8854

154.8844,
134.1497, 198.7004

 27.2665, 20.0862,
38.1175


191.4783,
168.1301, 243.7882

 17.9111, 12.4577,
25.7714

233.4248,
207.4126, 295.2276

 10.9855, 7.0562,
16.4284

281.0893,
252.3816, 353.4371

 6.1243, 3.4973,
9.6702

334.8371,

 2.9622, 1.3965,

303.4215, 418.8352

5.0781

395.0336,
360.9168, 491.8405

■ 1.1338, 0.2142,
2.2336

■ 0.0531, 0.0000,
0.6937

■ 73.5650, 60.1775,
97.3607

■ 73.5650, 60.1775,
97.3607

■ 68.7701, 50.8480,
94.9571

■ 79.2894, 71.3622,
100.0800

■ 64.8488, 43.2655,
92.8485

■ 85.9839, 84.4870,
103.1265

■ 61.7482, 37.3228,
91.0181

■ 93.5002, 99.2536,
106.4514

■ 59.4072, 32.8977,
89.4453

■ 93.6672, 99.3205,
107.3312

■ 57.7560, 29.8510,
88.1069

■ 93.8352, 99.3876,
108.2158

■ 56.7124, 28.0179,
86.9755

■ 93.9554, 99.4357,
108.8488

■ 56.1590, 27.1638,
86.0121

■ 56.0973, 27.0765,
85.8804

Harmonies

Analogous

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



65.7524, 60.1775, 122.4051



73.5650, 60.1775, 97.3607



76.9643, 60.1775, 68.0763

Triad

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



73.5650, 60.1775, 97.3607



58.0816, 60.1775, 26.5493



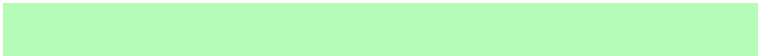
42.7281, 60.1775, 91.7854

Complementary

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



73.5650, 60.1775, 97.3607



62.1825, 82.7449, 57.4970

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.



41.1419, 60.1775, 63.0345



73.5650, 60.1775, 97.3607



49.4177, 60.1775, 29.7278

Square

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



73.5650, 60.1775, 97.3607



67.4396, 60.1775, 31.2411



43.4568, 60.1775, 41.5143



48.0477, 60.1775, 118.6212

Rectangle

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



73.5650, 60.1775, 97.3607



76.0233, 60.1775, 51.5426



43.4568, 60.1775, 41.5143



41.7674, 60.1775, 81.8274

Sweetspot

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



73.5669, 60.1801, 97.3620



88.0071, 86.1599, 105.7946



53.2806, 49.6677, 98.8753



18.6106, 17.9971, 22.5427



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.



73.5669, 60.1801, 97.3620



72.7717, 56.3656, 98.6310



68.5549, 58.1753, 70.9690



17.9600, 17.5113, 21.6449



29.2356, 14.1100, 44.8105



2.7172, 1.3106, 4.1999

Inverse Universe

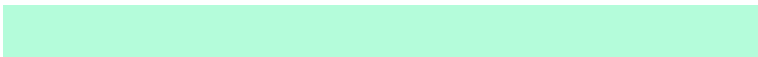
The Inverse Universe completely reimagines the original color for something new.



73.5669, 60.1801, 97.3620



72.7717, 56.3656, 98.6310



66.3423, 84.4088, 79.4027



17.9600, 17.5113, 21.6449



29.2356, 14.1100, 44.8105



2.7172, 1.3106, 4.1999

Previews

White Background



This preview shows how the XYZ color 73.5650, 60.1775, 97.3607 looks on a white background.

Color Contrast Check

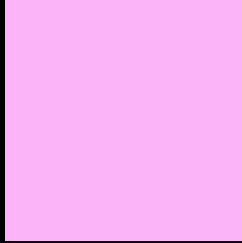
Large Text (above 18pt) WCAG AA × Fail

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 73.5650, 60.1775, 97.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

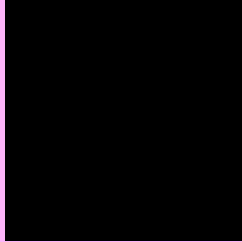
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5650, 60.1775, 97.3607

Background



This preview shows how black text looks on a background with the XYZ color 73.5650, 60.1775, 97.3607.



This preview shows how white text looks on a background with the XYZ color 73.5650, 60.1775,

97.3607.

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

73.5650, 60.1775, 97.3607

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.5335, 60.1359, 94.7504



Tritanopia

66.9831, 60.2998, 64.6085

Trichromacy



Original Color

73.5650, 60.1775, 97.3607



Protanomaly

64.4620, 59.8216, 101.0777



Deuteranomaly

65.3030, 59.7252, 95.2751



Tritanomaly

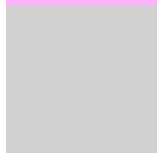
69.1886, 60.2416, 75.6913

Monochromacy



Original Color

73.5650, 60.1775, 97.3607



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.7000, 61.7775, 79.0352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5650, 60.1775, 97.3607 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(252, 180, 249)` looks like.

```
.text, #text, p{  
    color:rgb(252, 180, 249)  
}
```

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(252, 180, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 180, 249) }
```

Border

The CSS property to change the border of an element to XYZ 73.5650, 60.1775, 97.3607 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(252, 180, 249) }
```


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

```
.border{ border-color:rgb(252, 180, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 180, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 180, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 180, 249); box-shadow:4px 4px 4px 4px rgb(252, 180, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5650, 60.1775, 97.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 180, 249) }
```

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

```
.background{ background-color: rgb(252,  
180, 249) }
```

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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