

Converting Colors

XYZ(60.6633, 43.6590, 62.1606)

Have a look what the booklet for
XYZ(60.6633, 43.6590, 62.1606)
contains.

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Color

**XYZ(60.6397, 43.7075,
62.3671)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8BCC
RGB	253, 139, 204
RGB Percent	99%, 55%, 80%
CMY	0.0078, 0.4549, 0.2000
CMYK	0.00, 0.45, 0.19, 0.01
HSL	326°, 97%, 77%
HSV	326°, 45%, 99%
XYZ	60.6397, 43.7075, 62.3671
YIQ	180.4960, 47.0790, 44.3830

Conversions

Conversions Part 2

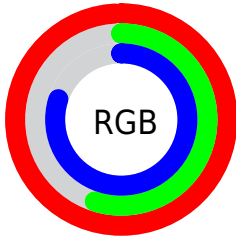
Format	Color
R _Y B	253, 139, 204
Decimal	16616396
CIE Lab	72.03, 50.99, -14.32
CIE LCh	72, 52.958, 344.315
Yxy	43.7075, 0.3637, 0.2622
Android (android.graphics.Color)	4294806476 (0xFFFD8BCC)
YUV	180.4960, 11.5875, 63.5860
Hunter-Lab	66.1116, 48.0305, -9.6537

Details

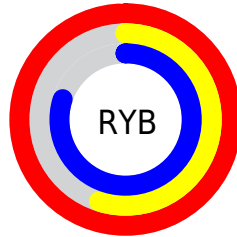
The XYZ color **60.6397, 43.7075, 62.3671** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.8518, 79.3716, 60.0098**, and the grayscale version is **43.5722, 45.8413, 49.9212**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **31.0017, 20.1683, 31.1131** is the 20% darker color. If you saturate the color by 10%, you get **56.1322, 36.7072, 54.6524**, and if you desaturate by 10%, it is **66.0885, 52.4435, 70.8458**.

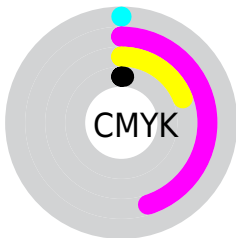
Distribution



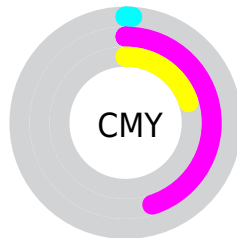
- Red (99%)
- Green (55%)
- Blue (80%)



- Red (99%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6397, 43.7075, 62.3671 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 60.6397, 43.7075, 62.3671 by changing the saturation by 10% instead.


 60.6397, 43.7075,
62.3671


 60.6397, 43.7075,
62.3671


416.7487,
361.5133, 451.3135


 44.1859, 30.4406,
44.8917

 104.8581, 80.7774,
109.8327

 31.0152, 20.1733,
31.0298


 133.3535,
105.3493, 140.6599

 20.7623, 12.5211,
20.3629

 166.5934,
134.4582, 176.7748

 13.0618, 7.0996,
12.4724

204.9432,
168.4886, 218.5959

 7.5484, 3.5245,
6.9398

248.7683,
207.8250, 266.5418

 3.8567, 1.4113,
3.3466

298.4340,

 1.6214, 0.2250,

252.8516, 321.0310

1.2742

354.3057,
303.9529, 382.4820

■ 0.4063, 0.0000,
0.0405

■ 0.0000, 0.0000,
0.0000

■ 60.6397, 43.7075,
62.3671

■ 60.6397, 43.7075,
62.3671

■ 56.1322, 36.7072,
54.6524

■ 66.0885, 52.4435,
70.8458

■ 52.5009, 31.3169,
47.6696

■ 72.5300, 63.0169,
80.1133

■ 49.6782, 27.4042,
41.3873

■ 80.0164, 75.5288,
90.1959

■ 47.5842, 24.8123,
35.7690

■ 88.5952, 90.0712,
101.1178

■ 46.1208, 23.3481,
30.7721

94.3182, 99.6228,
108.8658

■ 45.5614, 22.9040,
28.5053

Harmonies

Analogous

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



54.9174, 43.7075, 92.8710



60.6397, 43.7075, 62.3671



60.7782, 43.7075, 36.3050

Triad

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



60.6397, 43.7075, 62.3671



37.3886, 43.7075, 13.8017



30.2988, 43.7075, 91.5629

Complementary

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



60.6397, 43.7075, 62.3671



54.8518, 79.3716, 60.0098

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.



26.8654, 43.7075, 61.0004



60.6397, 43.7075, 62.3671



30.5375, 43.7075, 20.1052

Square

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



60.6397, 43.7075, 62.3671



46.4246, 43.7075, 13.9372



26.9459, 43.7075, 35.3535



37.0156, 43.7075, 113.4642

Rectangle

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



60.6397, 43.7075, 62.3671



57.6287, 43.7075, 24.6689



26.9459, 43.7075, 35.3535



28.7688, 43.7075, 81.5589

Sweetspot

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



60.6410, 43.7096, 62.3680



82.3267, 78.3505, 92.9533



47.3357, 36.0614, 97.3947



17.2440, 16.1349, 19.4021



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.



60.6410, 43.7096, 62.3680



57.5785, 38.0295, 56.4172



55.1273, 41.5041, 33.3330



18.4434, 18.1607, 20.9520



24.3114, 12.2138, 15.5561



2.4219, 1.2111, 1.8031

Inverse Universe

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



60.6410, 43.7096, 62.3680



57.5785, 38.0295, 56.4172



62.0275, 82.2419, 97.7964



18.4434, 18.1607, 20.9520



24.3114, 12.2138, 15.5561



2.4219, 1.2111, 1.8031

Previews

White Background



This preview shows how the XYZ color 60.6397, 43.7075, 62.3671 looks on a white background.

Color Contrast Check

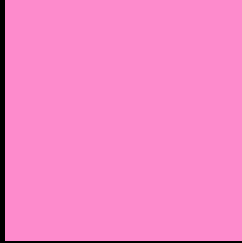
Large Text (above 18pt) WCAG AA × Fail

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 60.6397, 43.7075, 62.3671 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 60.6397, 43.7075, 62.3671

Background



This preview shows how black text looks on a background with the XYZ color 60.6397, 43.7075, 62.3671.



This preview shows how white text looks on a background with the XYZ color 60.6397, 43.7075,

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

60.6397, 43.7075, 62.3671

Protanopia

44.5771, 44.1036, 80.2921

Deuteranopia

44.7127, 43.7726, 59.5184



Tritanopia

55.5593, 43.6395, 38.2959

Trichromacy



Original Color

60.6397, 43.7075, 62.3671



Protanomaly

48.6035, 42.7437, 73.3988



Deuteranomaly

49.2906, 42.8671, 60.3199



Tritanomaly

57.2876, 43.6699, 45.9672

Monochromacy



Original Color

60.6397, 43.7075, 62.3671



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.5537, 44.2120, 54.1188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6397, 43.7075, 62.3671 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(253, 139, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 139, 204)  
}
```

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(253, 139, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 139, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.6397, 43.7075, 62.3671 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(253, 139, 204) }
```


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

```
.border{ border-color:rgb(253, 139, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 139, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 139, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 139, 204); box-shadow:4px 4px 4px 4px rgb(253, 139, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6397, 43.7075, 62.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 139, 204) }
```

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

```
.background{ background-color: rgb(253,  
139, 204) }
```

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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