

Converting Colors

XYZ(107.9685, 67.1145,
73.2197)

Have a look what the booklet for
XYZ(107.9685, 67.1145, 73.2197)
contains.

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Color

**XYZ(62.4284, 43.5977,
70.7705)**

Conversions

Conversions Part 1

Format	Color
Hex	FF87D9
RGB	255, 135, 217
RGB Percent	100%, 53%, 85%
CMY	0.0000, 0.4706, 0.1490
CMYK	0.00, 0.47, 0.15, 0.00
HSL	319°, 100%, 76%
HSV	319°, 47%, 100%
XYZ	62.4284, 43.5977, 70.7705
YIQ	180.2280, 45.1980, 50.9420

Conversions

Conversions Part 2

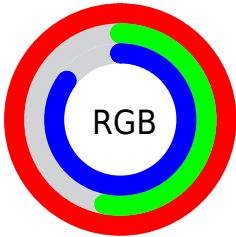
Format	Color
R _Y B	255, 135, 217
Decimal	16746457
CIE Lab	71.96, 55.50, -21.59
CIE LCh	72, 59.548, 338.740
Yxy	43.5977, 0.3531, 0.2466
Android (android.graphics.Color)	4294936537 (0xFFFF87D9)
YUV	180.2280, 18.1286, 65.5750
Hunter-Lab	66.0286, 53.2175, -17.3280

Details

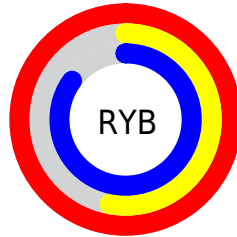
The XYZ color **62.4284, 43.5977, 70.7705** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.2961, 79.6888, 52.1106**, and the grayscale version is **43.3947, 45.6546, 49.7179**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **32.1552, 20.0817, 36.3638** is the 20% darker color. If you saturate the color by 10%, you get **58.2622, 36.9054, 64.3260**, and if you desaturate by 10%, it is **67.4998, 52.0180, 77.7714**.

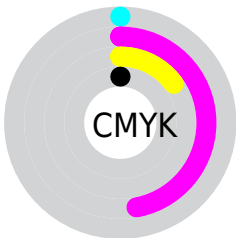
Distribution



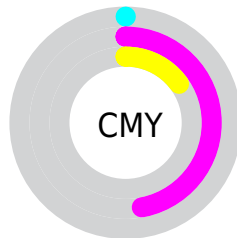
- Red (100%)
- Green (53%)
- Blue (85%)



- Red (100%)
- Yellow (53%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4284, 43.5977, 70.7705 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 62.4284, 43.5977, 70.7705 by changing the saturation by 10% instead.


 62.4284, 43.5977,
70.7705


 62.4284, 43.5977,
70.7705

423.1847,
361.0641, 482.1128


 45.6359, 30.3544,
51.6742

 107.4309, 80.6120,
121.9983

 32.1620, 20.1077,
36.3650

 136.3716,
105.1518, 154.9669

 21.6414, 12.4734,
24.4243

 170.0923,
134.2259, 193.3967

 13.7088, 7.0669,
15.4336

208.9585,
168.2186, 237.7063

 7.9987, 3.5040,
8.9743

253.3355,
207.5144, 288.3141

 4.1459, 1.4002,
4.6278

303.5886,

 1.7850, 0.2168,

252.4976, 345.6388

1.9757

360.0832,
303.5527, 410.0988

■ 0.5086, 0.0000,
0.5403

■ 0.0000, 0.0000,
0.0000

■ 62.4284, 43.5977,
70.7705

■ 62.4284, 43.5977,
70.7705

■ 58.2622, 36.9054,
64.3260

■ 67.4998, 52.0180,
77.7714

■ 54.9358, 31.8117,
58.4109

■ 73.5299, 62.2724,
85.3485

■ 52.3793, 28.1777,
52.9987

■ 80.5714, 74.4650,
93.5233

■ 50.5093, 25.8382,
48.0580

■ 88.6721, 88.6906,
102.3151

■ 49.2199, 24.5823, 95.0500, 100.0000,
43.5497 108.9000

■ 48.9041, 24.3256,
42.2887

Harmonies

Analogous

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



54.8974, 43.5977, 105.8093



62.4284, 43.5977, 70.7705



63.8879, 43.5977, 39.4702

Triad

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



62.4284, 43.5977, 70.7705



38.5416, 43.5977, 10.8759



27.9982, 43.5977, 91.7673

Complementary

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



62.4284, 43.5977, 70.7705



53.2961, 79.6888, 52.1106

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.



24.9806, 43.5977, 56.4848



62.4284, 43.5977, 70.7705



30.3811, 43.5977, 15.8487

Square

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



62.4284, 43.5977, 70.7705



48.9290, 43.5977, 12.1009



25.7753, 43.5977, 29.9442



34.7540, 43.5977, 120.9808

Rectangle

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



62.4284, 43.5977, 70.7705



61.0242, 43.5977, 25.3395



25.7753, 43.5977, 29.9442



26.5677, 43.5977, 79.7548

Sweetspot

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



62.4294, 43.5996, 70.7714



82.9326, 78.5928, 96.1440



43.9495, 33.4345, 98.7449



17.3920, 16.1941, 20.1815



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.



62.4294, 43.5996, 70.7714



58.6615, 37.5346, 64.9813



55.9911, 41.0243, 36.8681



18.5335, 18.1967, 21.4265



25.6242, 12.7390, 22.4695



2.5446, 1.2602, 2.4490

Inverse Universe

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



62.4294, 43.5996, 70.7714



58.6615, 37.5346, 64.9813



60.4609, 82.5547, 89.8397



18.5335, 18.1967, 21.4265



25.6242, 12.7390, 22.4695



2.5446, 1.2602, 2.4490

Previews

White Background



This preview shows how the XYZ color 62.4284, 43.5977, 70.7705 looks on a white background.

Color Contrast Check

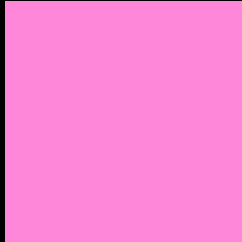
Large Text (above 18pt) WCAG AA × Fail

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 62.4284, 43.5977, 70.7705 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 62.4284, 43.5977, 70.7705

Background



This preview shows how black text looks on a background with the XYZ color 62.4284, 43.5977, 70.7705.



This preview shows how white text looks on a background with the XYZ color 62.4284, 43.5977,

70.7705.

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

62.4284, 43.5977, 70.7705

Protanopia

45.2882, 43.8945, 93.2743

Deuteranopia

44.8329, 43.9374, 67.7458



Tritanopia

55.6722, 43.4758, 37.8052

Trichromacy



Original Color

62.4284, 43.5977, 70.7705



Protanomaly

49.0521, 42.2161, 84.1605



Deuteranomaly

49.5852, 42.5795, 68.5560



Tritanomaly

57.7428, 43.4088, 47.9832

Monochromacy



Original Color

62.4284, 43.5977, 70.7705



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

48.6332, 43.6666, 56.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4284, 43.5977, 70.7705 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, 135, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 217)  
}
```

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, 135, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 217) }
```

Border

The CSS property to change the border of an element to XYZ 62.4284, 43.5977, 70.7705 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, 135, 217) }
```


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

```
.border{ border-color:rgb(255, 135, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4284, 43.5977, 70.7705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 217) }
```

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

```
.background{ background-color: rgb(255,  
135, 217) }
```

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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