

Converting Colors

XYZ(77.0319, 50.0475, 74.6539)

Have a look what the booklet for
XYZ(77.0319, 50.0475, 74.6539)
contains.

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Color

**XYZ(62.4074, 42.4992,
74.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82DE
RGB	255, 130, 222
RGB Percent	100%, 51%, 87%
CMY	0.0000, 0.4902, 0.1294
CMYK	0.00, 0.49, 0.13, 0.00
HSL	316°, 100%, 75%
HSV	316°, 49%, 100%
XYZ	62.4074, 42.4992, 74.0212
YIQ	177.8630, 44.9680, 55.1120

Conversions

Conversions Part 2

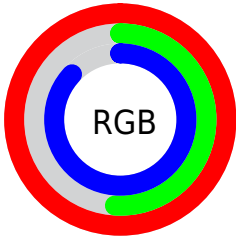
Format	Color
R _Y B	255, 130, 222
Decimal	16745182
CIE Lab	71.21, 58.66, -25.49
CIE LCh	71, 63.957, 336.513
Yxy	42.4992, 0.3488, 0.2375
Android (android.graphics.Color)	4294935262 (0xFFFF82DE)
YUV	177.8630, 21.7595, 67.6491
Hunter-Lab	65.1914, 56.7922, -21.6865

Details

The XYZ color **62.4074, 42.4992, 74.0212** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.5784, 78.9109, 47.1661**, and the grayscale version is **42.1179, 44.3113, 48.2550**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **32.1888, 19.4233, 38.6118** is the 20% darker color. If you saturate the color by 10%, you get **58.5418, 36.1831, 68.3696**, and if you desaturate by 10%, it is **67.1515, 50.5140, 80.1443**.

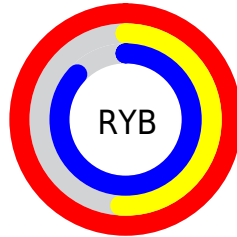
Distribution



Red (100%)

Green (51%)

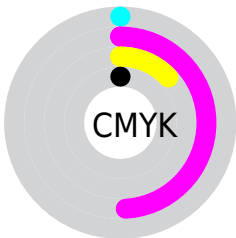
Blue (87%)



Red (100%)

Yellow (51%)

Blue (87%)

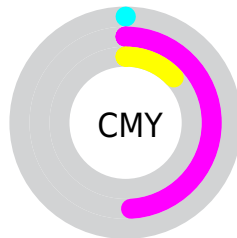


Cyan (0%)

Magenta (49%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4074, 42.4992, 74.0212 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 62.4074, 42.4992, 74.0212 by changing the saturation by 10% instead.

 62.4074, 42.4992,
74.0212


 62.4074, 42.4992,
74.0212


423.1095,
356.5482, 493.7119


 45.6188, 29.4924,
54.3145


 107.4007, 78.9546,
126.6602

 32.1485, 19.4536,
38.4583


 136.3362,
103.1719, 160.4295

 21.6310, 11.9985,
26.0340

 170.0513,
131.8949, 199.7235

 13.7011, 6.7427,
16.6231

208.9115,
165.5079, 244.9607

 7.9934, 3.3017,
9.8070

253.2820,
204.3954, 296.5596

 4.1425, 1.2912,
5.1673

303.5283,

 1.7831, 0.1344,

248.9416, 354.9387

2.2853

360.0157,
299.5311, 420.5166

■ 0.5074, 0.0000,
0.7230

■ 0.0000, 0.0000,
0.0000

■ 62.4074, 42.4992,
74.0212

■ 62.4074, 42.4992,
74.0212

■ 58.5418, 36.1831,
68.3696

■ 67.1515, 50.5140,
80.1443

■ 55.4878, 31.4335,
63.1638

■ 72.8280, 60.3356,
86.7576

■ 53.1738, 28.1077,
58.3784

■ 79.4902, 72.0697,
93.8812

■ 51.5139, 26.0342,
53.9825

■ 87.1865, 85.8123,
101.5332

■ 50.3810, 24.9599, 95.0500, 100.0000,
49.9316 108.9000

■ 50.2824, 24.8770,
49.5467

Harmonies

Analogous

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



53.9454, 42.4992, 111.8030



62.4074, 42.4992, 74.0212



64.5361, 42.4992, 39.8947

Triad

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



62.4074, 42.4992, 74.0212



38.1004, 42.4992, 8.9083



25.9862, 42.4992, 91.0487

Complementary

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



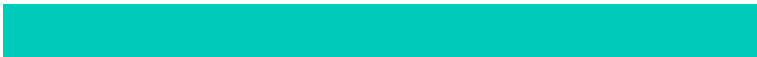
62.4074, 42.4992, 74.0212



51.5784, 78.9109, 47.1661

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.



23.1775, 42.4992, 53.3003



62.4074, 42.4992, 74.0212



29.3267, 42.4992, 13.1921

Square

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



62.4074, 42.4992, 74.0212



49.1808, 42.4992, 10.4984



24.2821, 42.4992, 26.5057



32.7219, 42.4992, 124.3013

Rectangle

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



62.4074, 42.4992, 74.0212



61.7945, 42.4992, 24.6039



24.2821, 42.4992, 26.5057



24.6114, 42.4992, 77.9542

Sweetspot

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



62.4085, 42.5011, 74.0220



82.4549, 77.3435, 96.8905



40.7830, 30.7907, 98.4014



17.3112, 15.9536, 20.3982



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.



62.4085, 42.5011, 74.0220



58.5476, 36.1924, 68.3788



55.6791, 39.8093, 38.5857



18.5759, 18.2137, 21.6497



26.3385, 13.0247, 26.2310



2.6096, 1.2862, 2.7915

Inverse Universe

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



62.4085, 42.5011, 74.0220



58.5476, 36.1924, 68.3788



58.3879, 81.6347, 83.0243



18.5759, 18.2137, 21.6497



26.3385, 13.0247, 26.2310



2.6096, 1.2862, 2.7915

Previews

White Background



This preview shows how the XYZ color 62.4074, 42.4992, 74.0212 looks on a white background.

Color Contrast Check

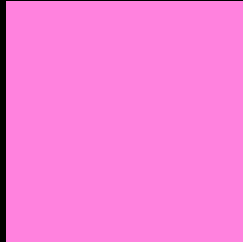
Large Text (above 18pt) WCAG AA × Fail

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 62.4074, 42.4992, 74.0212 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 62.4074, 42.4992, 74.0212

Background



This preview shows how black text looks on a background with the XYZ color 62.4074, 42.4992, 74.0212.



This preview shows how white text looks on a background with the XYZ color 62.4074, 42.4992,

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

62.4074, 42.4992, 74.0212

Protanopia

44.8547, 42.9567, 99.6933

Deuteranopia

43.6232, 42.6900, 70.2308



Tritanopia

54.7532, 42.5738, 36.3421

Trichromacy



Original Color

62.4074, 42.4992, 74.0212



Protanomaly

48.5775, 41.0895, 89.3752



Deuteranomaly

48.9005, 41.3954, 71.7425



Tritanomaly

57.2984, 42.5201, 47.8351

Monochromacy



Original Color

62.4074, 42.4992, 74.0212



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

47.9361, 42.5066, 56.7170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4074, 42.4992, 74.0212 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, 130, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 222)  
}
```

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, 130, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.4074, 42.4992, 74.0212 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, 130, 222) }
```


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

```
.border{ border-color:rgb(255, 130, 222) }
```

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

Here you see how a box with a 4 pixel rgb(255, 130, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4074, 42.4992, 74.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 222) }
```

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

```
.background{ background-color: rgb(255,  
130, 222) }
```

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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