

Converting Colors

XYZ(74.5366, 62.7235, 90.5008)

Have a look what the booklet for
XYZ(74.5366, 62.7235, 90.5008)
contains.

XYZ(74.5271, 62.6691, 90.6064)	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(74.5271, 62.6691,
90.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF0
RGB	255, 186, 240
RGB Percent	100%, 73%, 94%
CMY	0.0000, 0.2706, 0.0588
CMYK	0.00, 0.27, 0.06, 0.00
HSL	313°, 100%, 86%
HSV	313°, 27%, 100%
XYZ	74.5271, 62.6691, 90.6064
YIQ	212.7870, 23.7900, 31.4220

Conversions

Conversions Part 2

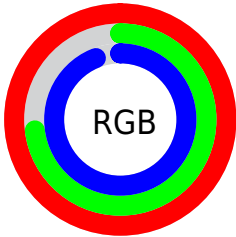
Format	Color
R _Y B	255, 186, 240
Decimal	16759536
CIE Lab	83.27, 33.19, -16.97
CIE LCh	83, 37.271, 332.922
Yxy	62.6691, 0.3272, 0.2751
Android (android.graphics.Color)	4294949616 (0xFFFFBAF0)
YUV	212.7870, 13.4160, 37.0208
Hunter-Lab	79.1638, 29.5084, -12.4453

Details

The XYZ color **74.5271, 62.6691, 90.6064** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5543, 86.1771, 68.3874**, and the grayscale version is **63.0070, 66.2883, 72.1880**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **39.9290, 31.8335, 49.3874** is the 20% darker color. If you saturate the color by 10%, you get **68.8158, 52.5442, 84.7021**, and if you desaturate by 10%, it is **81.2249, 74.7262, 96.9654**.

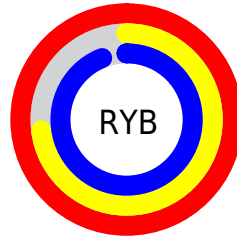
Distribution



Red (100%)

Green (73%)

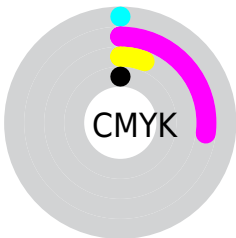
Blue (94%)



Red (100%)

Yellow (73%)

Blue (94%)

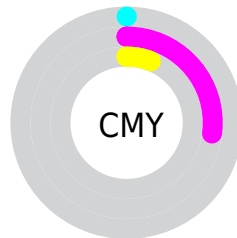


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5271, 62.6691, 90.6064 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 74.5271, 62.6691, 90.6064 by changing the saturation by 10% instead.


 74.5271, 62.6691,
90.6064

 74.5271, 62.6691,
90.6064


465.3128,
434.3676, 550.6224

 55.5184, 45.5736,
67.9072


 124.6342,
108.6920, 150.1233

 40.0524, 31.9094,
49.3560

156.4633,
138.3881, 187.7780

 27.7638, 21.2923,
34.5344


193.2966,
173.0533, 231.2550

 18.2872, 13.3379,
23.0237

235.4994,
213.0718, 280.9728

 11.2573, 7.6616,
14.4056

283.4370,
258.8281, 337.3498

 6.3088, 3.8792,
8.2613

337.4749,

 3.0762, 1.6062,

310.7065, 400.8048

4.1725

397.9784,
369.0916, 471.7561

■ 1.1942, 0.3618,
1.7204

■ 0.1018, 0.0000,
0.3747

■ 74.5271, 62.6691,
90.6064

■ 74.5271, 62.6691,
90.6064

■ 68.8158, 52.5442,
84.7021

■ 81.2249, 74.7262,
96.9654

■ 64.0356, 44.2419,
79.2303

■ 88.9524, 88.8024,
103.7920

■ 60.1321, 37.6533,
74.1727

95.0500, 100.0000,
108.9000

■ 57.0430, 32.6545,
69.5074

■ 54.6981, 29.1052,
65.2099

■ 53.0147, 26.8403,
61.2514

■ 51.8872, 25.6492,
57.5955

■ 51.6145, 25.4098,
56.5614

Harmonies

Analogous

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



68.4317, 62.6691, 112.9127



74.5271, 62.6691, 90.6064



76.5019, 62.6691, 65.9888

Triad

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



74.5271, 62.6691, 90.6064



58.7752, 62.6691, 32.6960



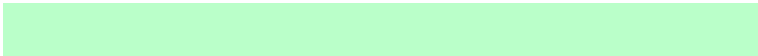
47.4313, 62.6691, 95.4447

Complementary

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



74.5271, 62.6691, 90.6064



66.5543, 86.1771, 68.3874

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.



45.3329, 62.6691, 70.5336



74.5271, 62.6691, 90.6064



51.4995, 62.6691, 37.2396

Square

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



74.5271, 62.6691, 90.6064



66.9353, 62.6691, 35.7427



46.7529, 62.6691, 49.8887



52.7568, 62.6691, 116.1215

Rectangle

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



74.5271, 62.6691, 90.6064



75.0825, 62.6691, 52.3048



46.7529, 62.6691, 49.8887



46.3481, 62.6691, 87.1123

Sweetspot

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



74.5285, 62.6716, 90.6077



88.1780, 87.3855, 103.1274



59.6853, 54.7515, 102.0301



18.6136, 18.2288, 21.8486



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.



74.5285, 62.6716, 90.6077



71.5846, 57.4305, 87.6329



69.8866, 60.8149, 66.1640



18.6136, 18.2288, 21.8486



27.0275, 13.3003, 29.8592



2.6715, 1.3110, 3.1176

Inverse Universe

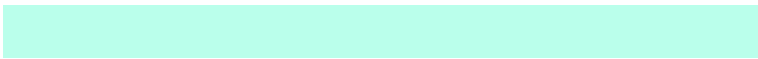
The Inverse Universe completely reimagines the original color for something new.



74.5285, 62.6716, 90.6077



71.5846, 57.4305, 87.6329



71.0719, 87.9841, 92.1766



18.6136, 18.2288, 21.8486



27.0275, 13.3003, 29.8592



2.6715, 1.3110, 3.1176

Previews

White Background



This preview shows how the XYZ color 74.5271, 62.6691, 90.6064 looks on a white background.

Color Contrast Check

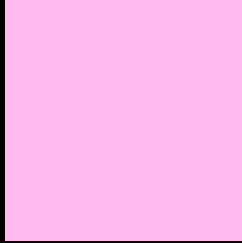
Large Text (above 18pt) WCAG AA × Fail

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 74.5271, 62.6691, 90.6064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

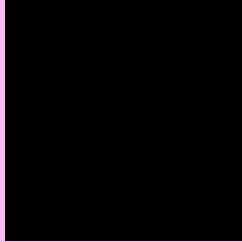
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5271, 62.6691, 90.6064

Background



This preview shows how black text looks on a background with the XYZ color 74.5271, 62.6691, 90.6064.



This preview shows how white text looks on a background with the XYZ color 74.5271, 62.6691,

90.6064.

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

74.5271, 62.6691, 90.6064

Protanopia

62.8269, 63.1048, 101.7976

Deuteranopia

64.1381, 62.6516, 88.8333



Tritanopia

69.8958, 62.7135, 67.4525

Trichromacy



Original Color

74.5271, 62.6691, 90.6064



Protanomaly

66.2801, 62.5296, 97.3830



Deuteranomaly

67.4856, 62.3109, 89.3593



Tritanomaly

71.3445, 62.6368, 75.3477

Monochromacy



Original Color

74.5271, 62.6691, 90.6064



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.6701, 64.5336, 78.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5271, 62.6691, 90.6064 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, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 240)  
}
```

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, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.5271, 62.6691, 90.6064 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, 186, 240) }
```


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

```
.border{ border-color:rgb(255, 186, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5271, 62.6691, 90.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 240) }
```

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

```
.background{ background-color: rgb(255,  
186, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor