

Converting Colors

XYZ(99.4350, 76.3034, 83.0814)

Have a look what the booklet for
XYZ(99.4350, 76.3034, 83.0814)
contains.

XYZ(73.2268, 62.8279, 81.6663)	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(73.2268, 62.8279,
81.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCE4
RGB	255, 188, 228
RGB Percent	100%, 74%, 89%
CMY	0.0000, 0.2627, 0.1059
CMYK	0.00, 0.26, 0.11, 0.00
HSL	324°, 100%, 87%
HSV	324°, 26%, 100%
XYZ	73.2268, 62.8279, 81.6663
YIQ	212.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

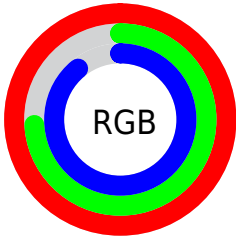
Format	Color
R _Y B	255, 188, 228
Decimal	16760036
CIE Lab	83.35, 30.13, -10.42
CIE LCh	83, 31.878, 340.923
Yxy	62.8279, 0.3363, 0.2886
Android (android.graphics.Color)	4294950116 (0xFFFFBCE4)
YUV	212.5930, 7.5957, 37.1909
Hunter-Lab	79.2641, 26.1922, -5.6021

Details

The XYZ color **73.2268, 62.8279, 81.6663** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7669, 87.1187, 77.4845**, and the grayscale version is **62.9138, 66.1902, 72.0811**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **39.0939, 31.9376, 43.6393** is the 20% darker color. If you saturate the color by 10%, you get **66.8685, 52.3269, 72.7166**, and if you desaturate by 10%, it is **80.6352, 75.2929, 91.3861**.

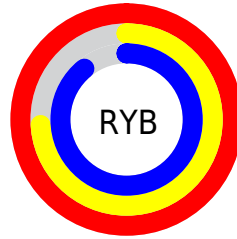
Distribution



Red (100%)

Green (74%)

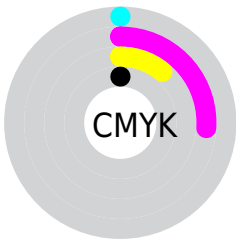
Blue (89%)



Red (100%)

Yellow (74%)

Blue (89%)

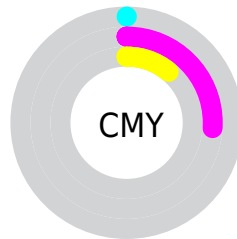


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2268, 62.8279, 81.6663 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 73.2268, 62.8279, 81.6663 by changing the saturation by 10% instead.


 73.2268, 62.8279,
81.6663

 73.2268, 62.8279,
81.6663


460.8921,
434.9446, 520.3849

 54.4505, 45.7020,
60.5563


 122.8005,
108.9212, 137.5384

 39.1940, 32.0107,
43.4390

154.3286,
138.6574, 173.1376

 27.0921, 21.3697,
29.8957


190.8380,
173.3657, 214.4036

 17.7794, 13.3945,
19.5081

232.6941,
213.4307, 261.7550

 10.8904, 7.7008,
11.8575

280.2622,
259.2367, 315.6103

 6.0599, 3.9041,
6.5253


333.9077,


 2.9226, 1.6200,


311.1681, 376.3880


3.0932


393.9958,
369.6093, 444.5067


 1.1129, 0.3711,
1.1424


 0.0359, 0.0000,
0.0000


 73.2268, 62.8279,
81.6663

 73.2268, 62.8279,
81.6663

 66.8685, 52.3269,
72.7166

 80.6352, 75.2929,
91.3861

 61.5039, 43.6800,
64.5085

 89.1377, 89.8083,
101.8952

 57.0775, 36.7787,
57.0170

95.0500, 100.0000,
108.9000

 53.5266, 31.4999,
50.2136

■ 50.7803, 27.7041,
44.0667

■ 48.7555, 25.2281,
38.5407

■ 47.3494, 23.8689,
33.5929

■ 46.9267, 23.5347,
31.8756

Harmonies

Analogous

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



68.8844, 62.8279, 101.5148



73.2268, 62.8279, 81.6663



73.7905, 62.8279, 61.4240

Triad

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



73.2268, 62.8279, 81.6663



57.2245, 62.8279, 37.3434



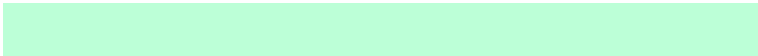
50.1958, 62.8279, 96.6003

Complementary

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



73.2268, 62.8279, 81.6663



68.7669, 87.1187, 77.4845

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.



47.5557, 62.8279, 75.9042



73.2268, 62.8279, 81.6663



51.3996, 62.8279, 43.4187

Square

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



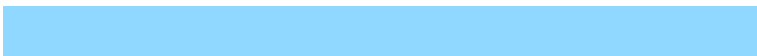
73.2268, 62.8279, 81.6663



64.1816, 62.8279, 38.2901



47.9786, 62.8279, 56.6700



55.4626, 62.8279, 111.2243

Rectangle

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



73.2268, 62.8279, 81.6663



71.9023, 62.8279, 50.5995



47.9786, 62.8279, 56.6700



48.9909, 62.8279, 89.9723

Sweetspot

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



73.2283, 62.8305, 81.6676



87.5883, 87.1496, 100.0219



64.0012, 57.6064, 102.3537



18.4646, 18.1692, 21.0639



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.



73.2283, 62.8305, 81.6676



69.4606, 56.5809, 76.4482



69.0416, 61.1559, 59.6207



18.4646, 18.1692, 21.0639



24.5961, 12.3277, 17.0551



2.4489, 1.2219, 1.9455

Inverse Universe

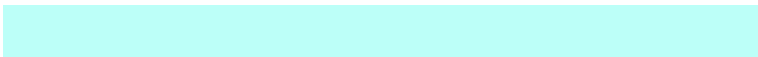
The Inverse Universe completely reimagines the original color for something new.



73.2283, 62.8305, 81.6676



69.4606, 56.5809, 76.4482



73.4905, 89.0081, 102.3586



18.4646, 18.1692, 21.0639



24.5961, 12.3277, 17.0551



2.4489, 1.2219, 1.9455

Previews

White Background



This preview shows how the XYZ color 73.2268, 62.8279, 81.6663 looks on a white background.

Color Contrast Check

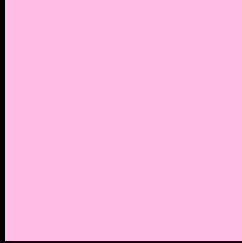
Large Text (above 18pt) WCAG AA × Fail

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 73.2268, 62.8279, 81.6663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

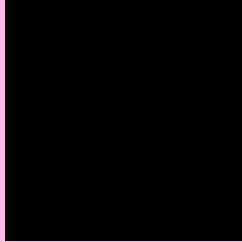
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2268, 62.8279, 81.6663

Background



This preview shows how black text looks on a background with the XYZ color 73.2268, 62.8279, 81.6663.



This preview shows how white text looks on a background with the XYZ color 73.2268, 62.8279,

81.6663.

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

73.2268, 62.8279, 81.6663

Protanopia

62.1566, 62.9904, 91.3204

Deuteranopia

64.2263, 62.8929, 79.9886



Tritanopia

70.2570, 62.8997, 67.4694

Trichromacy



Original Color

73.2268, 62.8279, 81.6663



Protanomaly

65.3825, 62.2751, 87.9312



Deuteranomaly

67.2980, 62.7471, 80.5159



Tritanomaly

71.4046, 63.0505, 72.6965

Monochromacy



Original Color

73.2268, 62.8279, 81.6663



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.2427, 64.7417, 75.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2268, 62.8279, 81.6663 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, 188, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 228)  
}
```

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, 188, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.2268, 62.8279, 81.6663 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, 188, 228) }
```


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

```
.border{ border-color:rgb(255, 188, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 228); box-shadow:4px 4px 4px 4px rgb(255, 188, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2268, 62.8279, 81.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 228) }
```

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

```
.background{ background-color: rgb(255,  
188, 228) }
```

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