

Converting Colors

XYZ(61.9855, 41.8063, 73.4146)

Have a look what the booklet for
XYZ(61.9855, 41.8063, 73.4146)
contains.

XYZ(62.0103, 41.9188, 73.2294)	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(62.0103, 41.9188,
73.2294)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80DD
RGB	255, 128, 221
RGB Percent	100%, 50%, 87%
CMY	0.0000, 0.4980, 0.1333
CMYK	0.00, 0.50, 0.13, 0.00
HSL	316°, 100%, 75%
HSV	316°, 50%, 100%
XYZ	62.0103, 41.9188, 73.2294
YIQ	176.5750, 45.8390, 55.8470

Conversions

Conversions Part 2

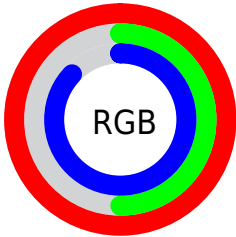
Format	Color
R_{YB}	255, 128, 221
Decimal	16744669
CIE _{Lab}	70.81, 59.45, -25.55
CIE _{LCh}	71, 64.710, 336.746
Yxy	41.9188, 0.3500, 0.2366
Android (android.graphics.Color)	4294934749 (0xFFFF80DD)
YUV	176.5750, 21.9015, 68.7787
Hunter-Lab	64.7447, 57.6580, -21.7385

Details

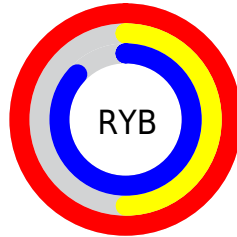
The XYZ color **62.0103, 41.9188, 73.2294** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.1852, 78.7186, 46.6817**, and the grayscale version is **41.4406, 43.5988, 47.4791**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **31.9652, 19.1237, 38.0829** is the 20% darker color. If you saturate the color by 10%, you get **58.2011, 35.7266, 67.5631**, and if you desaturate by 10%, it is **66.6940, 49.8006, 79.3707**.

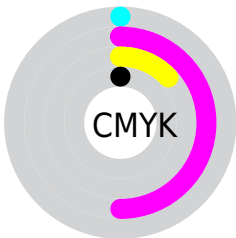
Distribution



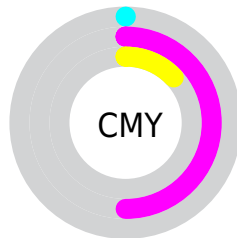
- Red (100%)
- Green (50%)
- Blue (87%)



- Red (100%)
- Yellow (50%)
- Blue (87%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0103, 41.9188, 73.2294 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 62.0103, 41.9188, 73.2294 by changing the saturation by 10% instead.


 62.0103, 41.9188,
73.2294


 62.0103, 41.9188,
73.2294


421.6856,
354.1462, 490.9016


 45.2967, 29.0377,
53.6706

 106.8303, 78.0767,
125.5268

 31.8934, 19.1094,
37.9470


 135.6673,
102.1223, 159.1024

 21.4353, 11.7493,
25.6400


 169.2762,
130.6583, 198.1874

 13.5568, 6.5732,
16.3312

208.0223,
164.0689, 243.2003

 7.8927, 3.1967,
9.6019

252.2709,
202.7386, 294.5596

 4.0776, 1.2352,
5.0337

302.3874,

 1.7461, 0.0902,

247.0518, 352.6839

2.2080

358.7372,
297.3929, 417.9917

■ 0.4849, 0.0000,
0.6790

■ 0.0000, 0.0000,
0.0000

■ 62.0103, 41.9188,
73.2294

■ 62.0103, 41.9188,
73.2294

■ 58.2011, 35.7266,
67.5631

■ 66.6940, 49.8006,
79.3707

■ 55.1993, 31.0907,
62.3457

■ 72.3070, 59.4811,
86.0060

■ 52.9323, 27.8667,
57.5515

■ 78.9028, 71.0667,
93.1554

■ 51.3127, 25.8803,
53.1491

■ 86.5299, 84.6539,
100.8374

■ 50.2008, 24.8531,
49.0896

95.0500, 100.0000,
108.9000

■ 50.1808, 24.8363,
49.0114

Harmonies

Analogous

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



53.5322, 41.9188, 111.4055



62.0103, 41.9188, 73.2294



64.0961, 41.9188, 39.0356

Triad

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



62.0103, 41.9188, 73.2294



37.4634, 41.9188, 8.4826



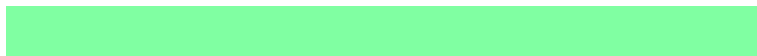
25.4690, 41.9188, 91.0082

Complementary

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



62.0103, 41.9188, 73.2294



51.1852, 78.7186, 46.6817

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.



22.6392, 41.9188, 52.9557



62.0103, 41.9188, 73.2294



28.7117, 41.9188, 12.7430

Square

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



62.0103, 41.9188, 73.2294



48.5729, 41.9188, 9.9973



23.7093, 41.9188, 26.0335



32.2265, 41.9188, 124.4936

Rectangle

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



62.0103, 41.9188, 73.2294



61.2980, 41.9188, 23.8487



23.7093, 41.9188, 26.0335



24.0880, 41.9188, 77.8029

Sweetspot

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



62.0113, 41.9206, 73.2302



82.4332, 77.3348, 96.7762



40.6443, 30.3281, 98.3195



17.3060, 15.9515, 20.3706



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.



62.0113, 41.9206, 73.2302



58.1338, 35.6197, 67.4551



55.1005, 39.1563, 36.8387



18.5729, 18.2125, 21.6339



26.2859, 13.0037, 25.9538



2.6048, 1.2843, 2.7665

Inverse Universe

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



62.0113, 41.9206, 73.2302



58.1338, 35.6197, 67.4551



58.3040, 81.5661, 84.1687



18.5729, 18.2125, 21.6339



26.2859, 13.0037, 25.9538



2.6048, 1.2843, 2.7665

Previews

White Background



This preview shows how the XYZ color 62.0103, 41.9188, 73.2294 looks on a white background.

Color Contrast Check

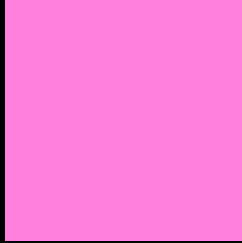
Large Text (above 18pt) WCAG AA × Fail

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 62.0103, 41.9188, 73.2294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

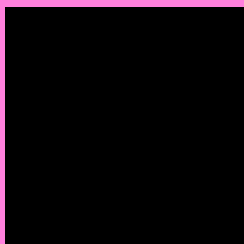
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0103, 41.9188, 73.2294

Background



This preview shows how black text looks on a background with the XYZ color 62.0103, 41.9188, 73.2294.



This preview shows how white text looks on a background with the XYZ color 62.0103, 41.9188,

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

62.0103, 41.9188, 73.2294

Protanopia

44.3252, 42.4207, 98.7803

Deuteranopia

43.0899, 42.1505, 69.4831



Tritanopia

54.2836, 41.9013, 35.3637

Trichromacy



Original Color

62.0103, 41.9188, 73.2294



Protanomaly

47.8482, 40.2327, 88.4629



Deuteranomaly

48.3331, 40.8700, 70.9869



Tritanomaly

56.9080, 41.9005, 47.2077

Monochromacy



Original Color

62.0103, 41.9188, 73.2294



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

47.2006, 41.6257, 55.9989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0103, 41.9188, 73.2294 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, 128, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 221)  
}
```

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, 128, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.0103, 41.9188, 73.2294 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, 128, 221) }
```


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

```
.border{ border-color:rgb(255, 128, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0103, 41.9188, 73.2294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 221) }
```

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

```
.background{ background-color: rgb(255,  
128, 221) }
```

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