

Converting Colors

XYZ(70.9714, 62.1841, 72.5521)

Have a look what the booklet for
XYZ(70.9714, 62.1841, 72.5521)
contains.

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Color

**XYZ(70.9714, 62.1841,
72.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBDD7
RGB	253, 189, 215
RGB Percent	99%, 74%, 84%
CMY	0.0078, 0.2588, 0.1569
CMYK	0.00, 0.25, 0.15, 0.01
HSL	336°, 94%, 87%
HSV	336°, 25%, 99%
XYZ	70.9714, 62.1841, 72.5521
YIQ	211.1000, 29.7980, 21.6540

Conversions

Conversions Part 2

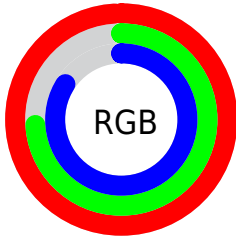
Format	Color
R _Y B	253, 189, 215
Decimal	16629207
CIE Lab	83.01, 26.84, -3.98
CIE LCh	83, 27.133, 351.570
Yxy	62.1841, 0.3450, 0.3023
Android (android.graphics.Color)	4294819287 (0xFFFD BDD7)
YUV	211.1000, 1.9227, 36.7463
Hunter-Lab	78.8569, 22.6509, 0.6502

Details

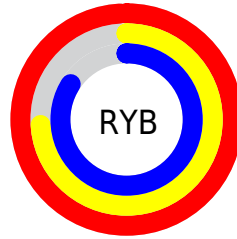
The XYZ color **70.9714, 62.1841, 72.5521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9793, 86.6172, 85.7077**, and the grayscale version is **61.9583, 65.1850, 70.9865**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.7741, 31.6018, 37.3665** is the 20% darker color. If you saturate the color by 10%, you get **64.1541, 51.4977, 61.1890**, and if you desaturate by 10%, it is **78.9188, 74.8455, 85.1679**.

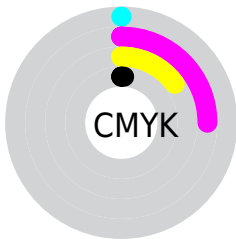
Distribution



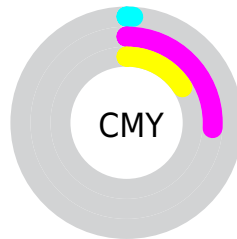
- Red (99%)
- Green (74%)
- Blue (84%)



- Red (99%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (1%)




- Cyan (1%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9714, 62.1841, 72.5521 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 70.9714, 62.1841, 72.5521 by changing the saturation by 10% instead.


 70.9714, 62.1841,
72.5521

 70.9714, 62.1841,
72.5521


453.1668,
432.6023, 488.4901

 52.6013, 45.1815,
53.1202


 119.6117,
107.9916, 124.5562

 37.7108, 31.6004,
37.5104


150.6127,
137.5652, 157.9654

 25.9345, 21.0565,
25.3040


186.5546,
172.0979, 196.8709

 16.9071, 13.1653,
16.0826

227.8030,
211.9742, 241.6911

 10.2631, 7.5425,
9.4276

274.7230,
257.5784, 292.8445

 5.6374, 3.8036,
4.9206

327.6801,

 2.6644, 1.5643,

309.2949, 350.7499

2.1428

387.0396,
367.5080, 415.8255

■ 0.9789, 0.3334,
0.6411

■ 0.0000, 0.0000,
0.0000

■ 70.9714, 62.1841,
72.5521

■ 70.9714, 62.1841,
72.5521

■ 64.1541, 51.4977,
61.1890

■ 78.9188, 74.8455,
85.1679

■ 58.4074, 42.6773,
51.0333

■ 88.0413, 89.5668,
99.0719

■ 53.6746, 35.6164,
42.0423

■ 94.3184, 99.6229,
108.8658

■ 49.8910, 30.1939,
34.1688

■ 46.9839, 26.2734,
27.3619

■ 44.8693, 23.6960,
21.5651

■ 43.4445, 22.2658,
16.7142

■ 42.9451, 21.8575,
14.7272

Harmonies

Analogous

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



68.3822, 62.1841, 89.8228



70.9714, 62.1841, 72.5521



70.2198, 62.1841, 56.5187

Triad

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



70.9714, 62.1841, 72.5521



55.0558, 62.1841, 41.9030



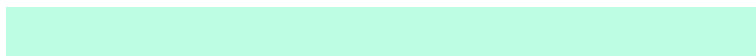
52.3705, 62.1841, 96.2789

Complementary

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



70.9714, 62.1841, 72.5521



69.9793, 86.6172, 85.7077

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.



49.2281, 62.1841, 80.2842



70.9714, 62.1841, 72.5521



50.7057, 62.1841, 49.5580

Square

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



70.9714, 62.1841, 72.5521



60.7722, 62.1841, 40.5296



48.6395, 62.1841, 63.0843



57.4668, 62.1841, 104.9287

Rectangle

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



70.9714, 62.1841, 72.5521



67.9455, 62.1841, 48.4654



48.6395, 62.1841, 63.0843



51.0650, 62.1841, 91.4690

Sweetspot

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



70.9732, 62.1869, 72.5534



86.9945, 86.9121, 96.8949



67.3983, 59.7128, 100.9029



18.3152, 18.1094, 20.2769



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.



70.9732, 62.1869, 72.5534



68.8400, 57.9321, 68.2492



69.0616, 63.2918, 56.7240



18.3152, 18.1094, 20.2769



22.9127, 11.6544, 8.1910



2.2834, 1.1557, 1.0739

Inverse Universe

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



70.9732, 62.1869, 72.5534



68.8400, 57.9321, 68.2492



72.1830, 84.8424, 105.5012



18.3152, 18.1094, 20.2769



22.9127, 11.6544, 8.1910



2.2834, 1.1557, 1.0739

Previews

White Background



This preview shows how the XYZ color 70.9714, 62.1841, 72.5521 looks on a white background.

Color Contrast Check

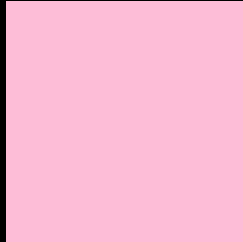
Large Text (above 18pt) WCAG AA × Fail

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 70.9714, 62.1841, 72.5521 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 70.9714, 62.1841, 72.5521

Background



This preview shows how black text looks on a background with the XYZ color 70.9714, 62.1841, 72.5521.



This preview shows how white text looks on a background with the XYZ color 70.9714, 62.1841,

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

70.9714, 62.1841, 72.5521

Protanopia

60.8388, 62.5580, 80.1025

Deuteranopia

63.6374, 62.4247, 71.6459



Tritanopia

69.7951, 62.3648, 66.1166

Trichromacy



Original Color

70.9714, 62.1841, 72.5521

Protanomaly

63.8296, 62.0586, 77.0209

Deuteranomaly

66.3648, 62.4497, 72.1745

Tritanomaly

70.0670, 62.1258, 68.6202

Monochromacy



Original Color

70.9714, 62.1841, 72.5521

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.6036, 63.6341, 71.1650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9714, 62.1841, 72.5521 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(253, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(253, 189, 215)  
}
```

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(253, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 189, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.9714, 62.1841, 72.5521 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(253, 189, 215) }
```


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

```
.border{ border-color:rgb(253, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(253, 189,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9714, 62.1841, 72.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 189, 215) }
```

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

```
.background{ background-color: rgb(253,  
189, 215) }
```

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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