

Converting Colors

XYZ(70.2923, 62.7775, 62.7498)

Have a look what the booklet for
XYZ(70.2923, 62.7775, 62.7498)
contains.

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Color

**XYZ(70.2961, 62.6917,
63.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFC8
RGB	255, 191, 200
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2510, 0.2157
CMYK	0.00, 0.25, 0.22, 0.00
HSL	352°, 100%, 87%
HSV	352°, 25%, 100%
XYZ	70.2961, 62.6917, 63.0393
YIQ	211.1620, 35.2550, 16.3670

Conversions

Conversions Part 2

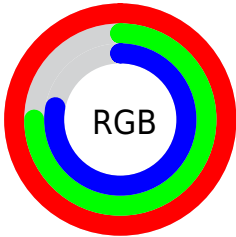
Format	Color
R _Y B	255, 191, 200
Decimal	16760776
CIE Lab	83.28, 24.24, 4.48
CIE LCh	83, 24.649, 10.473
Yxy	62.6917, 0.3586, 0.3198
Android (android.graphics.Color)	4294950856 (0xFFFFBFC8)
YUV	211.1620, -5.5029, 38.4459
Hunter-Lab	79.1781, 19.9147, 8.2197

Details

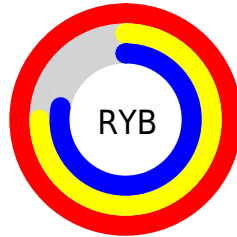
The XYZ color **70.2961, 62.6917, 63.0393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8827, 89.2513, 100.5259**, and the grayscale version is **62.0442, 65.2753, 71.0848**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.1599, 31.8370, 31.3807** is the 20% darker color. If you saturate the color by 10%, you get **62.8311, 51.5710, 48.8073**, and if you desaturate by 10%, it is **79.0994, 75.9010, 79.5303**.

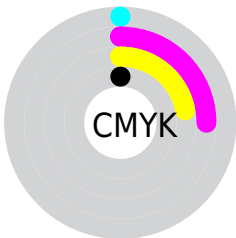
Distribution



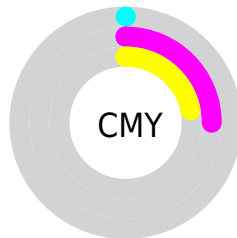
- Red (100%)
- Green (75%)
- Blue (78%)



- Red (100%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2961, 62.6917, 63.0393 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 70.2961, 62.6917, 63.0393 by changing the saturation by 10% instead.


 70.2961, 62.6917,
63.0393

 70.2961, 62.6917,
63.0393


450.8392,
434.4497, 453.8240

 52.0484, 45.5918,
45.4318

 118.6549,
108.7246, 110.8123

 37.2681, 31.9239,
31.4523

149.4967,
138.4264, 141.8149

 25.5898, 21.3033,
20.6821


185.2673,
173.0977, 178.1197

 16.6481, 13.3459,
12.7029

226.3320,
213.1229, 220.1451

 10.0776, 7.6672,
7.0959

273.0562,
258.8862, 268.3096

 5.5131, 3.8827,
3.4428

325.8052,

 2.5892, 1.6082,

310.7722, 323.0320

1.3249

384.9444,
369.1653, 384.7306

■ 0.9404, 0.3631,
0.0821

■ 0.0000, 0.0000,
0.0000

■ 70.2961, 62.6917,
63.0393

■ 70.2961, 62.6917,
63.0393

■ 62.8311, 51.5710,
48.8073

■ 79.0994, 75.9010,
79.5303

■ 56.6342, 42.4240,
36.7318

■ 89.2977, 91.2894,
98.3689

■ 51.6354, 35.1375,
26.7081

95.0500, 100.0000,
108.9000

■ 47.7564, 29.5832,
18.6214

■ 44.9092, 25.6168,
12.3451

■ 42.9923, 23.0702,
7.7375

■ 41.8826, 21.7373,
4.6346

■ 41.5561, 21.3864,
3.5943

Harmonies

Analogous

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



69.8275, 62.6917, 78.5993



70.2961, 62.6917, 63.0393



67.7676, 62.6917, 50.8529

Triad

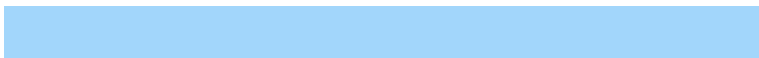
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2961, 62.6917, 63.0393



53.1498, 62.6917, 48.1956



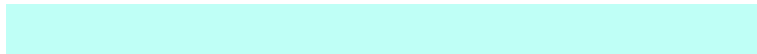
56.2108, 62.6917, 99.9963

Complementary

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



70.2961, 62.6917, 63.0393



73.8827, 89.2513, 100.5259

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.



52.0920, 62.6917, 89.2466



70.2961, 62.6917, 63.0393



50.3994, 62.6917, 58.8708

Square

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



70.2961, 62.6917, 63.0393



57.7344, 62.6917, 43.1752



50.0241, 62.6917, 73.7625



61.4779, 62.6917, 101.5584

Rectangle

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



70.2961, 62.6917, 63.0393



64.8065, 62.6917, 45.6822



50.0241, 62.6917, 73.7625



54.6547, 62.6917, 97.2692

Sweetspot

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



70.2976, 62.6945, 63.0406



86.1884, 86.5897, 92.6502



74.4784, 63.9690, 103.0296



18.1133, 18.0287, 19.2140



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

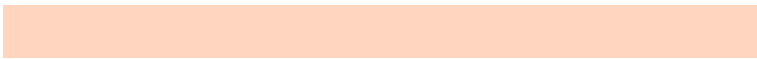
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2976, 62.6945, 63.0406



66.4729, 56.9853, 55.7840



74.5407, 72.8139, 59.4196



18.1133, 18.0287, 19.2140



21.7453, 11.1874, 2.0431



2.1472, 1.1013, 0.3567

Inverse Universe

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



70.2976, 62.6945, 63.0406



66.4729, 56.9853, 55.7840



68.5638, 76.3500, 105.7311



18.1133, 18.0287, 19.2140



21.7453, 11.1874, 2.0431



2.1472, 1.1013, 0.3567

Previews

White Background



This preview shows how the XYZ color 70.2961, 62.6917, 63.0393 looks on a white background.

Color Contrast Check

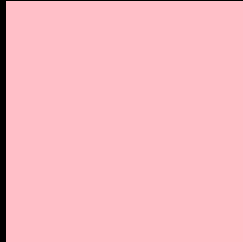
Large Text (above 18pt) WCAG AA × Fail

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 70.2961, 62.6917, 63.0393 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 70.2961, 62.6917, 63.0393

Background



This preview shows how black text looks on a background with the XYZ color 70.2961, 62.6917, 63.0393.



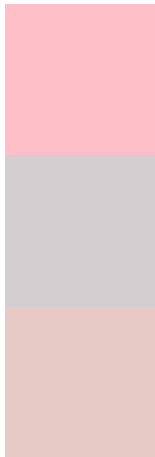
This preview shows how white text looks on a background with the XYZ color 70.2961, 62.6917,

63.0393.

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

70.2961, 62.6917, 63.0393

Protanopia

60.6854, 63.0780, 69.2984

Deuteranopia

64.0347, 62.8394, 62.1803



Tritanopia

70.6729, 62.4947, 66.0954

Trichromacy



Original Color

70.2961, 62.6917, 63.0393

Protanomaly

63.7058, 62.5604, 67.1102

Deuteranomaly

66.2102, 62.5813, 62.6226

Tritanomaly

70.4329, 62.3987, 64.8318

Monochromacy



Original Color

70.2961, 62.6917, 63.0393

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.5339, 64.0216, 67.9876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2961, 62.6917, 63.0393 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, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 200)  
}
```

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, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 200) }
```

Border

The CSS property to change the border of an element to XYZ 70.2961, 62.6917, 63.0393 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, 191, 200) }
```


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

```
.border{ border-color:rgb(255, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2961, 62.6917, 63.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 200) }
```

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

```
.background{ background-color: rgb(255,  
191, 200) }
```

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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