

Converting Colors

XYZ(70.2895, 62.7764, 62.7354)

Have a look what the booklet for
XYZ(70.2895, 62.7764, 62.7354)
contains.

XYZ(70.1796, 62.6451, 62.4257)	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(70.1796, 62.6451,
62.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFC7
RGB	255, 191, 199
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2510, 0.2196
CMYK	0.00, 0.25, 0.22, 0.00
HSL	353°, 100%, 87%
HSV	353°, 25%, 100%
XYZ	70.1796, 62.6451, 62.4257
YIQ	211.0480, 35.5760, 16.0560

Conversions

Conversions Part 2

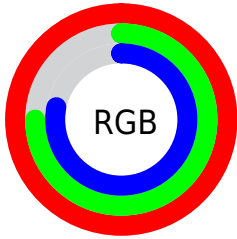
Format	Color
R _Y B	255, 191, 199
Decimal	16760775
CIE Lab	83.26, 24.09, 4.98
CIE LCh	83, 24.604, 11.680
Yxy	62.6451, 0.3594, 0.3208
Android (android.graphics.Color)	4294950855 (0xFFFFBFC7)
YUV	211.0480, -5.9397, 38.5459
Hunter-Lab	79.1487, 19.7624, 8.6412

Details

The XYZ color **70.1796, 62.6451, 62.4257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0367, 89.3129, 101.3365**, and the grayscale version is **61.9715, 65.1988, 71.0015**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.0825, 31.8060, 30.9728** is the 20% darker color. If you saturate the color by 10%, you get **62.6913, 51.5151, 48.0709**, and if you desaturate by 10%, it is **79.0190, 75.8688, 79.1066**.

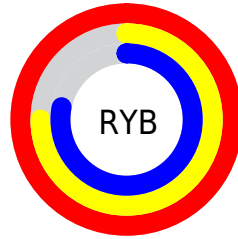
Distribution



Red (100%)

Green (75%)

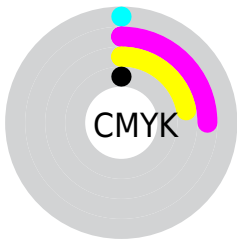
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

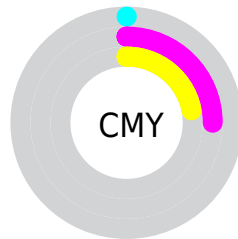


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1796, 62.6451, 62.4257 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 70.1796, 62.6451, 62.4257 by changing the saturation by 10% instead.


 70.1796, 62.6451,
62.4257

 70.1796, 62.6451,
62.4257


450.4369,
434.2803, 451.5327

 51.9531, 45.5542,
44.9388


 118.4897,
108.6573, 109.9181

 37.1918, 31.8941,
31.0666


149.3040,
138.3474, 140.7606

 25.5304, 21.2807,
20.3907


185.0450,
173.0060, 176.8921

 16.6035, 13.3293,
12.4925

226.0780,
213.0175, 218.7311

 10.0457, 7.6557,
6.9534

272.7683,
258.7663, 266.6961

 5.4918, 3.8754,
3.3550

325.4813,

 2.5763, 1.6041,

310.6368, 321.2057

1.2786

384.5824,
369.0133, 382.6783

■ 0.9339, 0.3604,
0.0442

■ 0.0000, 0.0000,
0.0000

■ 70.1796, 62.6451,
62.4257

■ 70.1796, 62.6451,
62.4257

■ 62.6913, 51.5151,
48.0709

■ 79.0190, 75.8688,
79.1066

■ 56.4829, 42.3635,
35.9351

■ 89.2669, 91.2771,
98.2067

■ 51.4835, 35.0767,
25.9080

95.0500, 100.0000,
108.9000

■ 47.6135, 29.5260,
17.8687

■ 44.7836, 25.5665,
11.6839

■ 42.8908, 23.0296,
7.2033

■ 41.8101, 21.7084,
4.2531

■ 41.4988, 21.3635,
3.2928

Harmonies

Analogous

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



69.8365, 62.6451, 77.8819



70.1796, 62.6451, 62.4257



67.5491, 62.6451, 50.4570

Triad

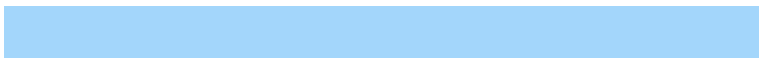
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1796, 62.6451, 62.4257



52.9692, 62.6451, 48.5115



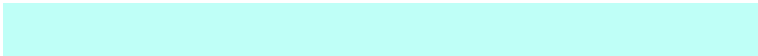
56.3712, 62.6451, 100.1246

Complementary

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



70.1796, 62.6451, 62.4257



74.0367, 89.3129, 101.3365

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.



52.1946, 62.6451, 89.7034



70.1796, 62.6451, 62.4257



50.3129, 62.6451, 59.3737

Square

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



70.1796, 62.6451, 62.4257



57.4868, 62.6451, 43.2647



50.0381, 62.6451, 74.3407



61.6462, 62.6451, 101.2682

Rectangle

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



70.1796, 62.6451, 62.4257



64.5499, 62.6451, 45.4504



50.0381, 62.6451, 74.3407



54.8006, 62.6451, 97.5252

Sweetspot

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



70.1811, 62.6479, 62.4270



86.1417, 86.5710, 92.4044



74.8524, 64.1618, 103.0471



18.1017, 18.0240, 19.1527



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.



70.1811, 62.6479, 62.4270



66.3434, 56.9335, 55.1021



74.8105, 73.3535, 59.5095



18.1017, 18.0240, 19.1527



21.7126, 11.1743, 1.8709



2.1418, 1.0991, 0.3280

Inverse Universe

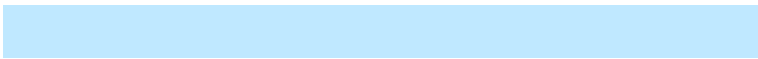
The Inverse Universe completely reimagines the original color for something new.



70.1811, 62.6479, 62.4270



66.3434, 56.9335, 55.1021



68.2635, 75.7493, 105.6309



18.1017, 18.0240, 19.1527



21.7126, 11.1743, 1.8709



2.1418, 1.0991, 0.3280

Previews

White Background



This preview shows how the XYZ color 70.1796, 62.6451, 62.4257 looks on a white background.

Color Contrast Check

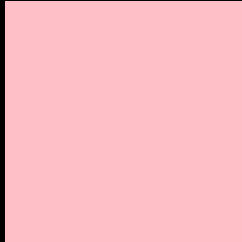
Large Text (above 18pt) WCAG AA × Fail

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 70.1796, 62.6451, 62.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

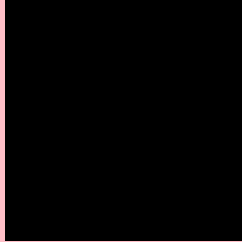
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1796, 62.6451, 62.4257

Background



This preview shows how black text looks on a background with the XYZ color 70.1796, 62.6451, 62.4257.

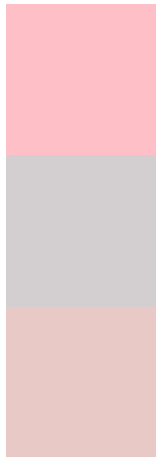


This preview shows how white text looks on a background with the XYZ color 70.1796, 62.6451,

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

70.1796, 62.6451, 62.4257

Protanopia

60.5620, 63.0286, 68.6483

Deuteranopia

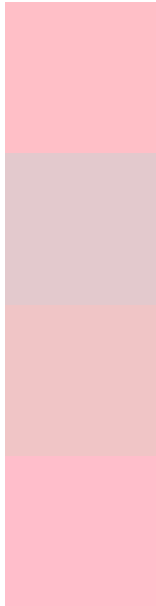
64.2434, 62.9603, 61.5899



Tritanopia

70.6729, 62.4947, 66.0954

Trichromacy



Original Color

70.1796, 62.6451, 62.4257

Protanomaly

63.5846, 62.5120, 66.4724

Deuteranomaly

66.0945, 62.5350, 62.0130

Tritanomaly

70.4329, 62.3987, 64.8318

Monochromacy



Original Color

70.1796, 62.6451, 62.4257

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 70.1796, 62.6451, 62.4257 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 70.1796, 62.6451, 62.4257 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, 199) }
```


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

```
.border{ border-color:rgb(255, 191, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1796, 62.6451, 62.4257 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
191, 199) }
```

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