

Converting Colors

XYZ(98.4493, 76.9519, 65.9728)

Have a look what the booklet for
XYZ(98.4493, 76.9519, 65.9728)
contains.

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Color

**XYZ(70.4329, 62.3987,
64.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBECB
RGB	255, 190, 203
RGB Percent	100%, 75%, 80%
CMY	0.0000, 0.2549, 0.2039
CMYK	0.00, 0.25, 0.20, 0.00
HSL	348°, 100%, 87%
HSV	348°, 25%, 100%
XYZ	70.4329, 62.3987, 64.8318
YIQ	210.9170, 34.5670, 17.8230

Conversions

Conversions Part 2

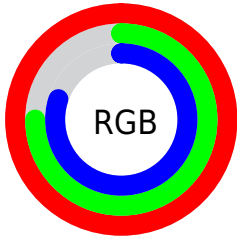
Format	Color
R _Y B	255, 190, 203
Decimal	16760523
CIE Lab	83.12, 25.20, 2.65
CIE LCh	83, 25.338, 6.000
Yxy	62.3987, 0.3563, 0.3157
Android (android.graphics.Color)	4294950603 (0xFFFFBECB)
YUV	210.9170, -3.9031, 38.6608
Hunter-Lab	78.9928, 20.9196, 6.6339

Details

The XYZ color **70.4329, 62.3987, 64.8318** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0245, 88.8791, 97.3149**, and the grayscale version is **61.8724, 65.0946, 70.8880**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **37.2549, 31.6486, 32.5790** is the 20% darker color. If you saturate the color by 10%, you get **63.1119, 51.3947, 51.1754**, and if you desaturate by 10%, it is **79.0432, 75.4686, 80.4979**.

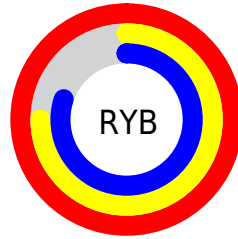
Distribution



Red (100%)

Green (75%)

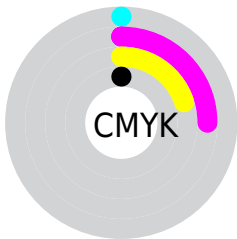
Blue (80%)



Red (100%)

Yellow (75%)

Blue (80%)

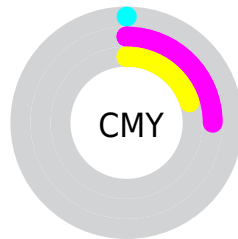


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4329, 62.3987, 64.8318 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 70.4329, 62.3987, 64.8318 by changing the saturation by 10% instead.


 70.4329, 62.3987,
64.8318

 70.4329, 62.3987,
64.8318


451.3113,
433.3839, 460.4769

 52.1604, 45.3549,
46.8742


 118.8488,
108.3016, 113.4190

 37.3577, 31.7371,
32.5826


149.7229,
137.9294, 144.8856

 25.6595, 21.1608,
21.5384


185.5283,
172.5208, 181.6924

 16.7004, 13.2416,
13.3230

226.6302,
212.4601, 224.2579

 10.1151, 7.5951,
7.5180

273.3942,
258.1316, 273.0005

 5.5382, 3.8370,
3.7048

326.1854,

 2.6043, 1.5828,

309.9199, 328.3388

1.4648

385.3693,
368.2092, 390.6915

■ 0.9482, 0.3460,
0.1915

■ 0.0000, 0.0000,
0.0000

■ 70.4329, 62.3987,
64.8318

■ 70.4329, 62.3987,
64.8318

■ 63.1119, 51.3947,
51.1754

■ 79.0432, 75.4686,
80.4979

■ 57.0128, 42.3427,
39.4430

■ 88.9966, 90.6941,
98.2472

■ 52.0690, 35.1304,
29.5478

95.0500, 100.0000,
108.9000

■ 48.2057, 29.6307,
21.3951

■ 45.3389, 25.7000,
14.8813

■ 43.3717, 23.1715,
9.8913

■ 42.1862, 21.8394,
6.2934

■ 41.8372, 21.4989,
5.0749

Harmonies

Analogous

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



69.4790, 62.3987, 80.9890



70.4329, 62.3987, 64.8318



68.2606, 62.3987, 51.6825

Triad

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



70.4329, 62.3987, 64.8318



53.3198, 62.3987, 46.3090



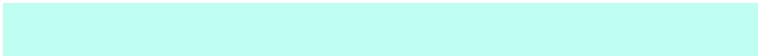
55.1190, 62.3987, 99.4555

Complementary

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



70.4329, 62.3987, 64.8318



73.0245, 88.8791, 97.3149

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.



51.1747, 62.3987, 87.2963



70.4329, 62.3987, 64.8318



50.1816, 62.3987, 56.3766

Square

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



70.4329, 62.3987, 64.8318



58.2121, 62.3987, 42.1018



49.4211, 62.3987, 71.1492



60.4178, 62.3987, 102.6439

Rectangle

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



70.4329, 62.3987, 64.8318



65.4063, 62.3987, 45.8423



49.4211, 62.3987, 71.1492



53.6012, 62.3987, 96.1993

Sweetspot

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



70.4345, 62.4015, 64.8331



86.3665, 86.6609, 93.5880



73.0832, 62.9271, 102.9020



18.1578, 18.0464, 19.4483



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.



70.4345, 62.4015, 64.8331



66.2429, 56.0860, 57.0615



73.4594, 70.8268, 58.5180



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8711



2.1691, 1.1100, 0.4722

Inverse Universe

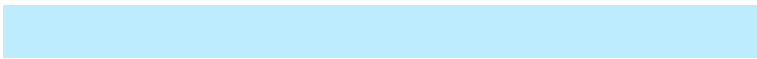
The Inverse Universe completely reimagines the original color for something new.



70.4345, 62.4015, 64.8331



66.2429, 56.0860, 57.0615



69.1390, 77.8724, 105.9946



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8711



2.1691, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 70.4329, 62.3987, 64.8318 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 70.4329, 62.3987, 64.8318 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 70.4329, 62.3987, 64.8318

Background



This preview shows how black text looks on a background with the XYZ color 70.4329, 62.3987, 64.8318.



This preview shows how white text looks on a background with the XYZ color 70.4329, 62.3987,

64.8318.

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

70.4329, 62.3987, 64.8318

Protanopia

60.5333, 62.5977, 71.1795

Deuteranopia

64.0624, 62.8133, 64.0061



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

70.4329, 62.3987, 64.8318

Protanomaly

63.5269, 62.0808, 68.9562

Deuteranomaly

66.2235, 62.5475, 64.4596

Tritanomaly

70.5525, 62.4465, 65.4616

Monochromacy



Original Color

70.4329, 62.3987, 64.8318

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.4197, 63.5968, 68.5546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4329, 62.3987, 64.8318 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, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 203)  
}
```

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, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 203) }
```

Border

The CSS property to change the border of an element to XYZ 70.4329, 62.3987, 64.8318 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, 190, 203) }
```


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

```
.border{ border-color:rgb(255, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4329, 62.3987, 64.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 203) }
```

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

```
.background{ background-color: rgb(255,  
190, 203) }
```

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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