

Converting Colors

XYZ(73.4940, 64.0658, 64.5169)

Have a look what the booklet for
XYZ(73.4940, 64.0658, 64.5169)
contains.

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Color

**XYZ(70.3141, 62.3512,
64.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBECA
RGB	255, 190, 202
RGB Percent	100%, 75%, 79%
CMY	0.0000, 0.2549, 0.2078
CMYK	0.00, 0.25, 0.21, 0.00
HSL	349°, 100%, 87%
HSV	349°, 25%, 100%
XYZ	70.3141, 62.3512, 64.2061
YIQ	210.8030, 34.8880, 17.5120

Conversions

Conversions Part 2

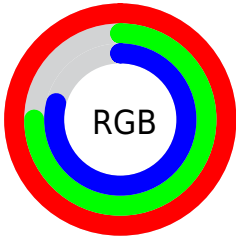
Format	Color
R _Y B	255, 190, 202
Decimal	16760522
CIE Lab	83.10, 25.05, 3.15
CIE LCh	83, 25.250, 7.162
Yxy	62.3512, 0.3572, 0.3167
Android (android.graphics.Color)	4294950602 (0xFFFFBECA)
YUV	210.8030, -4.3399, 38.7608
Hunter-Lab	78.9628, 20.7643, 7.0641

Details

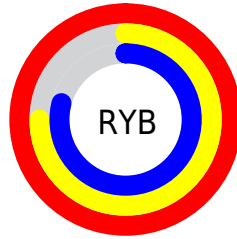
The XYZ color **70.3141, 62.3512, 64.2061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1752, 88.9393, 98.1083**, and the grayscale version is **61.7999, 65.0183, 70.8049**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **37.1754, 31.6168, 32.1603** is the 20% darker color. If you saturate the color by 10%, you get **62.9681, 51.3372, 50.4180**, and if you desaturate by 10%, it is **78.9612, 75.4358, 80.0661**.

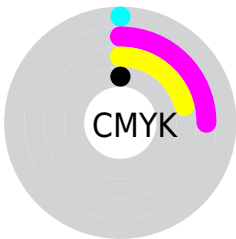
Distribution



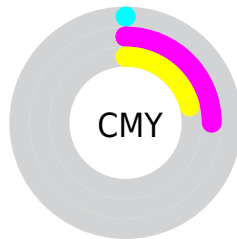
- Red (100%)
- Green (75%)
- Blue (79%)



- Red (100%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3141, 62.3512, 64.2061 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 70.3141, 62.3512, 64.2061 by changing the saturation by 10% instead.


 70.3141, 62.3512,
64.2061

 70.3141, 62.3512,
64.2061


450.9013,
433.2110, 458.1614

 52.0632, 45.3165,
46.3704

 118.6804,
108.2330, 112.5100

 37.2799, 31.7068,
32.1874


149.5265,
137.8488, 143.8153

 25.5989, 21.1377,
21.2387


185.3017,
172.4272, 180.4475

 16.6550, 13.2247,
13.1056

226.3713,
212.3526, 222.8252

 10.0826, 7.5834,
7.3698

273.1007,
258.0092, 271.3669

 5.5164, 3.8296,
3.6125


325.8553,

 2.5912, 1.5787,


309.7816, 326.4911


1.4152


385.0004,
368.0540, 388.6164


 0.9415, 0.3432,
0.1536


 0.0000, 0.0000,
0.0000


 70.3141, 62.3512,
64.2061


 70.3141, 62.3512,
64.2061

 62.9681, 51.3372,
50.4180


 78.9612, 75.4358,
80.0661

 56.8549, 42.2796,
38.6119

 88.9639, 90.6811,
98.0754

 51.9074, 35.0658,
28.6967

95.0500, 100.0000,
108.9000

 48.0496, 29.5682,
20.5727

■ 45.1964, 25.6430,
14.1307

■ 43.2497, 23.1227,
9.2490

■ 42.0903, 21.8010,
5.7882

■ 41.7543, 21.4657,
4.6384

Harmonies

Analogous

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



69.4859, 62.3512, 80.2549



70.3141, 62.3512, 64.2061



68.0391, 62.3512, 51.2830

Triad

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



70.3141, 62.3512, 64.2061



53.1384, 62.3512, 46.6173



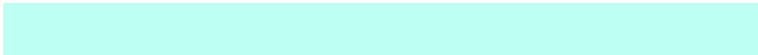
55.2767, 62.3512, 99.5785

Complementary

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



70.3141, 62.3512, 64.2061



73.1752, 88.9393, 98.1083

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.



51.2759, 62.3512, 87.7429



70.3141, 62.3512, 64.2061



50.0953, 62.3512, 56.8649

Square

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



70.3141, 62.3512, 64.2061



57.9623, 62.3512, 42.1909



49.4350, 62.3512, 71.7119



60.5829, 62.3512, 102.3467

Rectangle

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



70.3141, 62.3512, 64.2061



65.1466, 62.3512, 45.6109



49.4350, 62.3512, 71.7119



53.7447, 62.3512, 96.4490

Sweetspot

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



70.3156, 62.3540, 64.2074



86.3202, 86.6424, 93.3444



73.0832, 62.9271, 102.9020



18.1463, 18.0418, 19.3874



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.



70.3156, 62.3540, 64.2074



66.1088, 56.0324, 56.3557



73.4594, 70.8268, 58.5180



18.1463, 18.0418, 19.3874



21.8566, 11.2319, 2.6293



2.1631, 1.1076, 0.4401

Inverse Universe

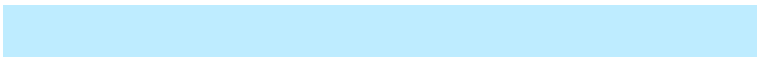
The Inverse Universe completely reimagines the original color for something new.



70.3156, 62.3540, 64.2074



66.1088, 56.0324, 56.3557



69.1390, 77.8724, 105.9946



18.1463, 18.0418, 19.3874



21.8566, 11.2319, 2.6293



2.1631, 1.1076, 0.4401

Previews

White Background



This preview shows how the XYZ color 70.3141, 62.3512, 64.2061 looks on a white background.

Color Contrast Check

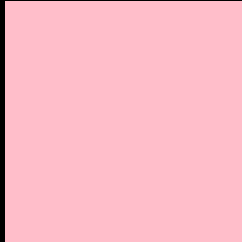
Large Text (above 18pt) WCAG AA × Fail

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 70.3141, 62.3512, 64.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

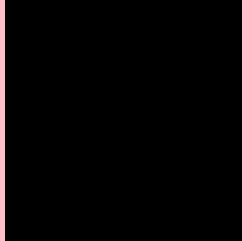
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3141, 62.3512, 64.2061

Background



This preview shows how black text looks on a background with the XYZ color 70.3141, 62.3512, 64.2061.

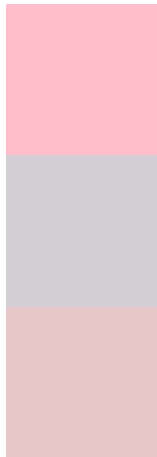


This preview shows how white text looks on a background with the XYZ color 70.3141, 62.3512,

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

70.3141, 62.3512, 64.2061

Protanopia

60.4075, 62.5474, 70.5171

Deuteranopia

63.7127, 62.3017, 63.3110



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

70.3141, 62.3512, 64.2061

Protanomaly

63.4035, 62.0314, 68.3060

Deuteranomaly

65.8791, 62.0476, 63.7625

Tritanomaly

70.4329, 62.3987, 64.8318

Monochromacy



Original Color

70.3141, 62.3512, 64.2061

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 70.3141, 62.3512, 64.2061 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 202) }
```

Border

The CSS property to change the border of an element to XYZ 70.3141, 62.3512, 64.2061 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, 202) }
```


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

```
.border{ border-color:rgb(255, 190, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3141, 62.3512, 64.2061 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
190, 202) }
```

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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