

Converting Colors

XYZ(71.4059, 64.1221, 65.8424)

Have a look what the booklet for
XYZ(71.4059, 64.1221, 65.8424)
contains.

XYZ(71.4309, 64.2032, 65.7544)	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(71.4309, 64.2032,
65.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CC
RGB	255, 194, 204
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2392, 0.2000
CMYK	0.00, 0.24, 0.20, 0.00
HSL	350°, 100%, 88%
HSV	350°, 24%, 100%
XYZ	71.4309, 64.2032, 65.7544
YIQ	213.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

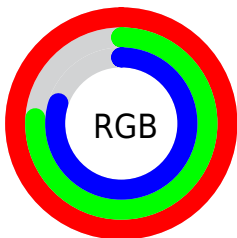
Format	Color
RYB	255, 194, 204
Decimal	16761548
CIELab	84.07, 23.25, 3.49
CIELCh	84, 23.507, 8.528
Yxy	64.2032, 0.3547, 0.3188
Android (android.graphics.Color)	4294951628 (0xFFFFC2CC)
YUV	213.3790, -4.6238, 36.5016
Hunter-Lab	80.1269, 18.9057, 7.4338

Details

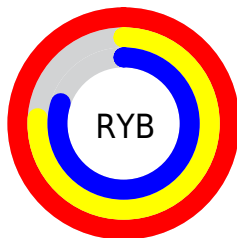
The XYZ color **71.4309, 64.2032, 65.7544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4919, 89.5830, 99.7551**, and the grayscale version is **63.5154, 66.8231, 72.7704**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.9091, 32.8285, 33.1927** is the 20% darker color. If you saturate the color by 10%, you get **63.8502, 52.8581, 51.4627**, and if you desaturate by 10%, it is **80.3384, 77.6414, 82.2171**.

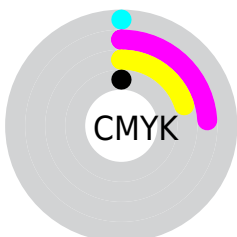
Distribution



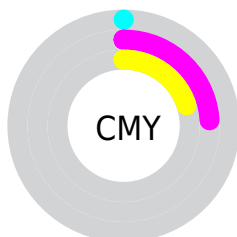
- Red (100%)
- Green (76%)
- Blue (80%)



- Red (100%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4309, 64.2032, 65.7544 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 71.4309, 64.2032, 65.7544 by changing the saturation by 10% instead.


 71.4309, 64.2032,
65.7544

 71.4309, 64.2032,
65.7544


454.7468,
439.9231, 463.8782

 52.9777, 46.8153,
47.6178


 120.2623,
110.9035, 114.7574

 38.0124, 32.8896,
33.1665

151.3711,
140.9847, 146.4609

 26.1696, 22.0419,
21.9819


187.4293,
176.0658, 183.5238

 17.0839, 13.8877,
13.6454

228.8021,
216.5311, 226.3647

 10.3900, 8.0426,
7.7385

275.8549,
262.7651, 275.4020

 5.7225, 4.1222,
3.8427


328.9530,

 2.7162, 1.7422,


315.1522, 331.0543


1.5395


388.4619,
374.0767, 393.7402


 1.0055, 0.4507,
0.2471


 0.0000, 0.0000,
0.0000


 71.4309, 64.2032,
65.7544


 71.4309, 64.2032,
65.7544

 63.8502, 52.8581,
51.4627


 80.3384, 77.6414,
82.2171

 57.5281, 43.4927,
39.2472

 90.6278, 93.2620,
100.9326

 52.3968, 35.9954,
29.0117

95.0500, 100.0000,
108.9000

 48.3804, 30.2405,
20.6507

■ 45.3941, 26.0863,
14.0487

■ 43.3402, 23.3691,
9.0774

■ 42.1017, 21.8896,
5.5895

■ 41.6541, 21.4257,
4.1108

Harmonies

Analogous

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



70.7863, 64.2032, 80.8956



71.4309, 64.2032, 65.7544



69.1655, 64.2032, 53.5764

Triad

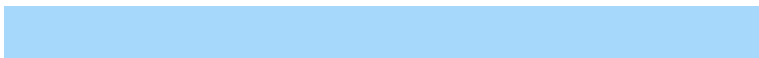
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4309, 64.2032, 65.7544



55.0174, 64.2032, 49.8517



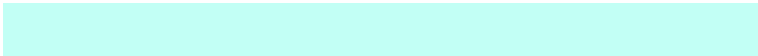
57.4436, 64.2032, 100.0094

Complementary

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



71.4309, 64.2032, 65.7544



74.4919, 89.5830, 99.7551

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.



53.5464, 64.2032, 89.2571



71.4309, 64.2032, 65.7544



52.2018, 64.2032, 59.9603

Square

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



71.4309, 64.2032, 65.7544



59.5557, 64.2032, 45.2859



51.6790, 64.2032, 74.2295



62.5146, 64.2032, 102.1411

Rectangle

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



71.4309, 64.2032, 65.7544



66.3815, 64.2032, 48.2591



51.6790, 64.2032, 74.2295



55.9613, 64.2032, 97.2171

Sweetspot

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



71.4324, 64.2060, 65.7557



87.3070, 88.2110, 94.9215



74.9416, 65.1890, 103.2406



18.5514, 18.6743, 20.0705



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

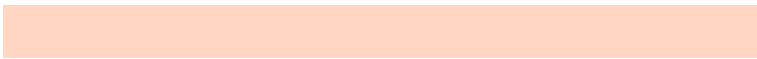
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4324, 64.2060, 65.7557



67.4185, 58.1859, 58.2283



75.1104, 73.4194, 61.2552



18.1308, 18.0356, 19.3058



21.8006, 11.2095, 2.3346



2.1554, 1.1045, 0.3997

Inverse Universe

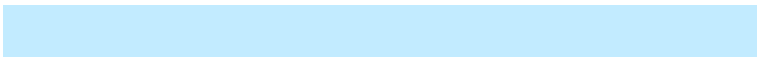
The Inverse Universe completely reimagines the original color for something new.



71.4324, 64.2060, 65.7557



67.4185, 58.1859, 58.2283



69.9133, 77.9173, 105.9625



18.1308, 18.0356, 19.3058



21.8006, 11.2095, 2.3346



2.1554, 1.1045, 0.3997

Previews

White Background



This preview shows how the XYZ color 71.4309, 64.2032, 65.7544 looks on a white background.

Color Contrast Check

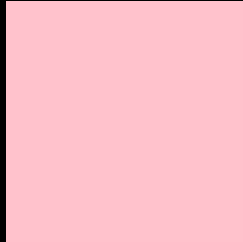
Large Text (above 18pt) WCAG AA × Fail

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 71.4309, 64.2032, 65.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

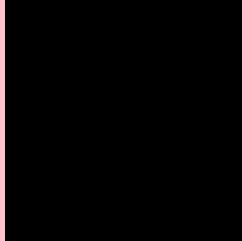
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4309, 64.2032, 65.7544

Background



This preview shows how black text looks on a background with the XYZ color 71.4309, 64.2032, 65.7544.



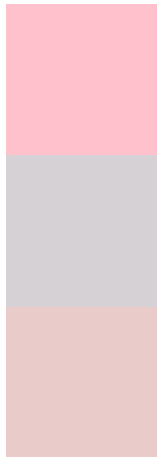
This preview shows how white text looks on a background with the XYZ color 71.4309, 64.2032,

65.7544.

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

71.4309, 64.2032, 65.7544

Protanopia

62.2513, 64.5512, 72.1294

Deuteranopia

65.6209, 64.2998, 64.8296



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

71.4309, 64.2032, 65.7544

Protanomaly

65.2206, 64.3329, 69.9528

Deuteranomaly

67.7094, 64.3211, 65.3465

Tritanomaly

71.7943, 64.3486, 67.6680

Monochromacy



Original Color

71.4309, 64.2032, 65.7544

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.6991, 65.2897, 70.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4309, 64.2032, 65.7544 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, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 204)  
}
```

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, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 204) }
```

Border

The CSS property to change the border of an element to XYZ 71.4309, 64.2032, 65.7544 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, 194, 204) }
```


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

```
.border{ border-color:rgb(255, 194, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4309, 64.2032, 65.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 204) }
```

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

```
.background{ background-color: rgb(255,  
194, 204) }
```

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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