

Converting Colors

XYZ(93.9278, 78.5959, 57.5314)

Have a look what the booklet for
XYZ(93.9278, 78.5959, 57.5314)
contains.

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Color

**XYZ(71.4376, 67.1319,
56.7695)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFCABC |
| RGB | 255, 202, 188 |
| RGB Percent | 100%, 79%, 74% |
| CMY | 0.0000, 0.2078, 0.2627 |
| CMYK | 0.00, 0.21, 0.26, 0.00 |
| HSL | 13°, 100%, 87% |
| HSV | 13°, 26%, 100% |
| XYZ | 71.4376, 67.1319, 56.7695 |
| YIQ | 216.2510, 36.0820, 6.8820 |

Conversions

Conversions Part 2

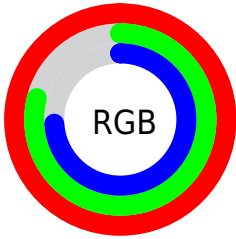
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 206, 188 |
| Decimal | 16763580 |
| CIE Lab | 85.57, 16.80, 14.15 |
| CIE LCh | 86, 21.965, 40.107 |
| Yxy | 67.1319, 0.3657, 0.3437 |
| Android (android.graphics.Color) | 4294953660 (0xFFFFCABC) |
| YUV | 216.2510, -13.9277, 33.9829 |
| Hunter-Lab | 81.9341, 12.2480, 16.2737 |

Details

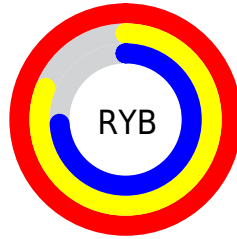
The XYZ color **71.4376, 67.1319, 56.7695** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2433, 80.8193, 106.5052**, and the grayscale version is **65.5175, 68.9296, 75.0643**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **37.9890, 34.7994, 27.6364** is the 20% darker color. If you saturate the color by 10%, you get **64.5008, 57.2756, 42.0723**, and if you desaturate by 10%, it is **79.4821, 78.4257, 74.2336**.

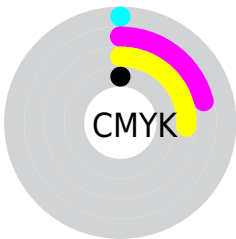
Distribution



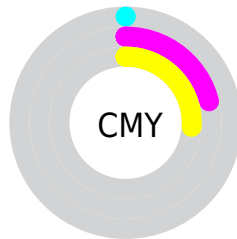
- Red (100%)
- Green (79%)
- Blue (74%)



- Red (100%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4376, 67.1319, 56.7695 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 71.4376, 67.1319, 56.7695 by changing the saturation by 10% instead.


 71.4376, 67.1319,
56.7695

 71.4376, 67.1319,
56.7695


454.7698,
450.4141, 430.0546

 52.9832, 49.1918,
40.4121


 120.2717,
115.1094, 101.6258

 38.0168, 34.7717,
27.5438


151.3822,
145.9156, 130.9617

 26.1730, 23.4870,
17.7460


187.4421,
181.7793, 165.4609

 17.0865, 14.9535,
10.6002

228.8167,
223.0849, 205.5419

 10.3918, 8.7868,
5.6879

275.8714,
270.2168, 251.6232

 5.7238, 4.6024,
2.5906

328.9716,

 2.7169, 2.0159,

323.5594, 304.1234

0.8876

388.4826,
383.4970, 363.4610

■ 1.0059, 0.6167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.4376, 67.1319,
56.7695

■ 71.4376, 67.1319,
56.7695

■ 64.5008, 57.2756,
42.0723

■ 79.4821, 78.4257,
74.2336

■ 58.6172, 48.7897,
29.9954

■ 88.6753, 91.2023,
94.5926

■ 53.7353, 41.6155,
20.3845

95.0500, 100.0000,
108.9000

■ 49.7970, 35.6864,
13.0680

■ 46.7380, 30.9297,
7.8515

■ 44.4850, 27.2645,
4.5082

■ 42.9511, 24.5990,
2.7571

■ 42.5270, 23.8340,
2.3590

Harmonies

Analogous

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



73.7362, 67.1319, 68.3738



71.4376, 67.1319, 56.7695



67.1307, 67.1319, 50.1625

Triad

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



71.4376, 67.1319, 56.7695



55.1955, 67.1319, 64.1304



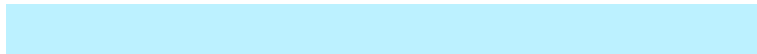
65.5071, 67.1319, 103.6538

Complementary

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



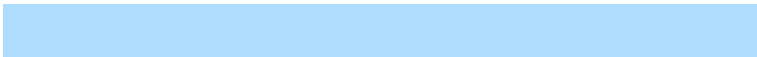
71.4376, 67.1319, 56.7695



70.2433, 80.8193, 106.5052

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.



60.5946, 67.1319, 102.1287



71.4376, 67.1319, 56.7695



54.8115, 67.1319, 78.0291

Square

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



71.4376, 67.1319, 56.7695



57.8177, 67.1319, 54.0124



56.7398, 67.1319, 92.2844



70.1959, 67.1319, 96.2141

Rectangle

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



71.4376, 67.1319, 56.7695



63.7889, 67.1319, 48.8965



56.7398, 67.1319, 92.2844



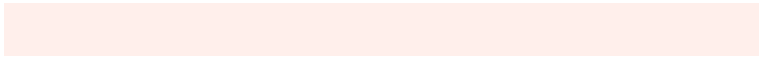
63.8249, 67.1319, 104.1935

Sweetspot

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



71.4393, 67.1350, 56.7709



87.0044, 88.8886, 90.8662



75.1906, 63.6139, 92.0057



18.3170, 18.6021, 18.7695



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.



71.4393, 67.1350, 56.7709



67.3342, 61.3179, 48.0250



79.9971, 84.2506, 59.6235



18.3170, 18.6021, 18.7695



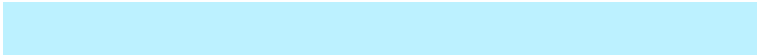
22.3068, 12.6249, 1.2611



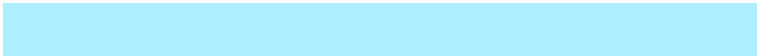
2.2463, 1.3779, 0.1476

Inverse Universe

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



70.2433, 80.8193, 106.5052



65.9301, 77.2657, 106.0466



61.3699, 63.0726, 103.5474



18.2136, 19.7987, 23.1115



20.5420, 25.9936, 53.3692



2.0771, 2.6850, 5.2220

Previews

White Background



This preview shows how the XYZ color 71.4376, 67.1319, 56.7695 looks on a white background.

Color Contrast Check

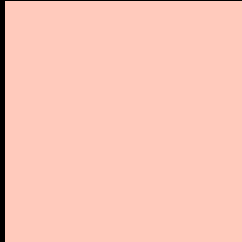
Large Text (above 18pt) WCAG AA × Fail

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 71.4376, 67.1319, 56.7695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

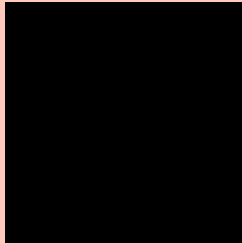
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4376, 67.1319, 56.7695

Background



This preview shows how black text looks on a background with the XYZ color 71.4376, 67.1319, 56.7695.



This preview shows how white text looks on a background with the XYZ color 71.4376, 67.1319,

56.7695.

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

71.4376, 67.1319, 56.7695

Protanopia

63.9633, 67.1715, 60.6331

Deuteranopia

68.6971, 67.1429, 56.3529



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

71.4376, 67.1319, 56.7695

Protanomaly

66.5758, 67.0689, 59.3058

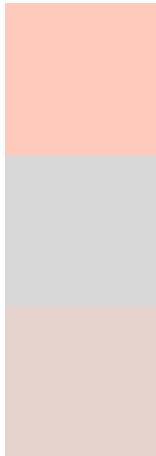
Deuteranomaly

69.8679, 67.3902, 56.3389

Tritanomaly

72.9137, 66.9763, 66.8424

Monochromacy



Original Color

71.4376, 67.1319, 56.7695

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.0680, 67.8678, 67.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4376, 67.1319, 56.7695 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, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 188)  
}
```

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, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 188) }
```

Border

The CSS property to change the border of an element to XYZ 71.4376, 67.1319, 56.7695 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, 202, 188) }
```


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

```
.border{ border-color:rgb(255, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4376, 67.1319, 56.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 188) }
```

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

```
.background{ background-color: rgb(255,  
202, 188) }
```

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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