

Converting Colors

XYZ(83.9432, 72.4637, 57.0916)

Have a look what the booklet for
XYZ(83.9432, 72.4637, 57.0916)
contains.

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Color

**XYZ(70.7405, 65.7377,
56.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7BC
RGB	255, 199, 188
RGB Percent	100%, 78%, 74%
CMY	0.0000, 0.2196, 0.2627
CMYK	0.00, 0.22, 0.26, 0.00
HSL	10°, 100%, 87%
HSV	10°, 26%, 100%
XYZ	70.7405, 65.7377, 56.5372
YIQ	214.4900, 36.9070, 8.4510

Conversions

Conversions Part 2

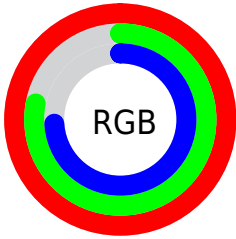
Format	Color
R _Y B	255, 201, 188
Decimal	16762812
CIE Lab	84.86, 18.37, 13.15
CIE LCh	85, 22.590, 35.598
Yxy	65.7377, 0.3665, 0.3406
Android (android.graphics.Color)	4294952892 (0xFFFFC7BC)
YUV	214.4900, -13.0596, 35.5273
Hunter-Lab	81.0788, 13.8517, 15.4115

Details

The XYZ color **70.7405, 65.7377, 56.5372** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1386, 82.6100, 106.8037**, and the grayscale version is **64.3160, 67.6655, 73.6877**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **37.5245, 33.8704, 27.4816** is the 20% darker color. If you saturate the color by 10%, you get **63.6660, 55.6060, 41.7941**, and if you desaturate by 10%, it is **78.9907, 77.4430, 74.0698**.

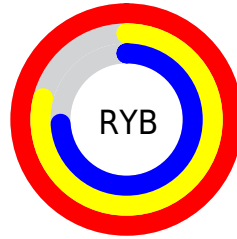
Distribution



Red (100%)

Green (78%)

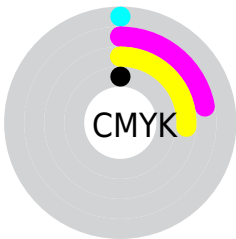
Blue (74%)



Red (100%)

Yellow (79%)

Blue (74%)

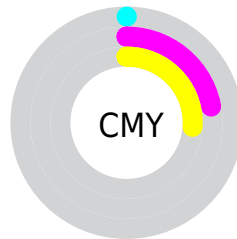


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7405, 65.7377, 56.5372 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 70.7405, 65.7377, 56.5372 by changing the saturation by 10% instead.


 70.7405, 65.7377,
56.5372

 70.7405, 65.7377,
56.5372


452.3717,
445.4382, 429.1579

 52.4122, 48.0595,
40.2269

 119.2847,
113.1098, 101.2832

 37.5594, 33.8740,
27.4004


150.2313,
143.5725, 130.5560

 25.8165, 22.7968,
17.6391


186.1147,
179.0654, 164.9867

 16.8184, 14.4436,
10.5244


227.3004,
219.9730, 204.9939

 10.1996, 8.4298,
5.6379

274.1535,
266.6797, 250.9960

 5.5948, 4.3712,
2.5610

327.0396,

 2.6386, 1.8833,

319.5699, 303.4117

0.8722

386.3238,
379.0279, 362.6595

■ 0.9657, 0.5383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7405, 65.7377,
56.5372

■ 70.7405, 65.7377,
56.5372

■ 63.6660, 55.6060,
41.7941

■ 78.9907, 77.4430,
74.0698

■ 57.7084, 46.9720,
29.6924

■ 88.4621, 90.7759,
94.5216

■ 52.8110, 39.7668,
20.0764

95.0500, 100.0000,
108.9000

■ 48.9101, 33.9126,
12.7724

■ 45.9351, 29.3239,
7.5838

■ 43.8054, 25.9053,
4.2817

■ 42.4252, 23.5472,
2.5818

■ 42.0639, 22.9078,
2.2046

Harmonies

Analogous

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



72.6848, 65.7377, 68.8905



70.7405, 65.7377, 56.5372



66.5925, 65.7377, 49.0618

Triad

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



70.7405, 65.7377, 56.5372



54.0252, 65.7377, 60.6608



63.4366, 65.7377, 103.0813

Complementary

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



70.7405, 65.7377, 56.5372



71.1386, 82.6100, 106.8037

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.



58.5437, 65.7377, 100.1025



70.7405, 65.7377, 56.5372



53.2811, 65.7377, 74.3329

Square

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



70.7405, 65.7377, 56.5372



56.9820, 65.7377, 51.2077



54.8921, 65.7377, 89.0726



68.3243, 65.7377, 96.7380

Rectangle

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



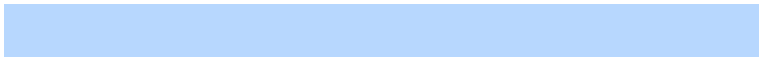
70.7405, 65.7377, 56.5372



63.2322, 65.7377, 47.2124



54.8921, 65.7377, 89.0726



61.7372, 65.7377, 103.1460

Sweetspot

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



70.7422, 65.7407, 56.5385



86.7379, 88.3555, 90.7773



75.6974, 63.8166, 94.6745



18.2504, 18.4689, 18.7473



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.



70.7422, 65.7407, 56.5385



66.5502, 59.7499, 47.7637



79.0475, 82.3514, 59.3070



18.2504, 18.4689, 18.7473



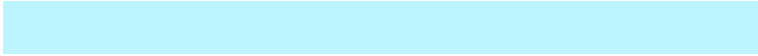
22.0497, 12.1105, 1.1754



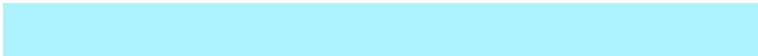
2.2118, 1.3090, 0.1361

Inverse Universe

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



71.1386, 82.6100, 106.8037



67.0044, 79.4144, 106.4047



62.1959, 64.7245, 103.8227



18.2859, 19.9435, 23.1357



21.9739, 28.8575, 53.8465



2.2042, 2.9390, 5.2644

Previews

White Background



This preview shows how the XYZ color 70.7405, 65.7377, 56.5372 looks on a white background.

Color Contrast Check

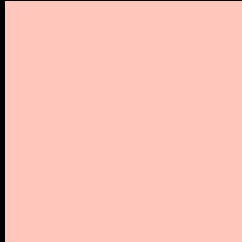
Large Text (above 18pt) WCAG AA × Fail

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 70.7405, 65.7377, 56.5372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

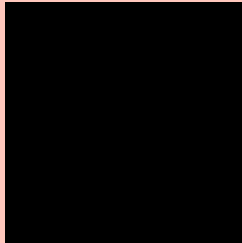
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7405, 65.7377, 56.5372

Background



This preview shows how black text looks on a background with the XYZ color 70.7405, 65.7377, 56.5372.



This preview shows how white text looks on a background with the XYZ color 70.7405, 65.7377,

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

70.7405, 65.7377, 56.5372

Protanopia

62.6598, 65.7443, 61.0172

Deuteranopia

67.1805, 65.6508, 56.1448



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

70.7405, 65.7377, 56.5372

Protanomaly

65.4315, 65.7551, 59.1126

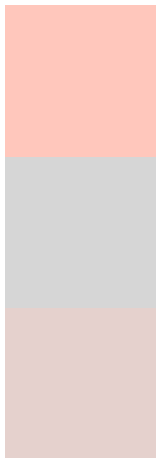
Deuteranomaly

68.4479, 65.6031, 56.0688

Tritanomaly

72.2136, 65.9600, 65.4254

Monochromacy



Original Color

70.7405, 65.7377, 56.5372

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.1330, 66.6667, 67.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7405, 65.7377, 56.5372 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, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 188) }
```

Border

The CSS property to change the border of an element to XYZ 70.7405, 65.7377, 56.5372 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, 199, 188) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7405, 65.7377, 56.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 188) }
```

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

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