

Converting Colors

XYZ(70.1589, 65.6763, 52.9467)

Have a look what the booklet for
XYZ(70.1589, 65.6763, 52.9467)
contains.

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Color

**XYZ(70.0039, 65.4430,
52.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7B5
RGB	255, 199, 181
RGB Percent	100%, 78%, 71%
CMY	0.0000, 0.2196, 0.2902
CMYK	0.00, 0.22, 0.29, 0.00
HSL	15°, 100%, 85%
HSV	15°, 29%, 100%
XYZ	70.0039, 65.4430, 52.6582
YIQ	213.6920, 39.1540, 6.2740

Conversions

Conversions Part 2

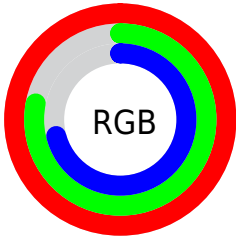
Format	Color
R _Y B	255, 205, 181
Decimal	16762805
CIE Lab	84.71, 17.44, 16.65
CIE LCh	85, 24.114, 43.677
Yxy	65.4430, 0.3722, 0.3479
Android (android.graphics.Color)	4294952885 (0xFFFFC7B5)
YUV	213.6920, -16.1172, 36.2271
Hunter-Lab	80.8968, 12.8951, 18.0341

Details

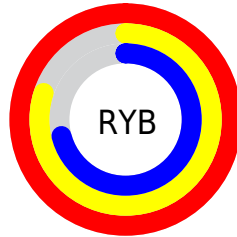
The XYZ color **70.0039, 65.4430, 52.6582** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3892, 77.6096, 106.0361**, and the grayscale version is **63.7973, 67.1197, 73.0934**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **37.0476, 33.6796, 24.9703** is the 20% darker color. If you saturate the color by 10%, you get **63.4615, 56.1693, 38.7286**, and if you desaturate by 10%, it is **77.5914, 76.0401, 69.3002**.

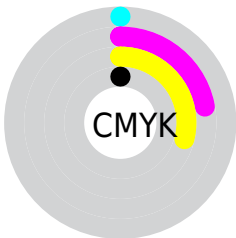
Distribution



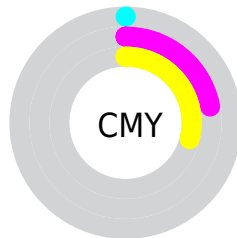
- Red (100%)
- Green (78%)
- Blue (71%)



- Red (100%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0039, 65.4430, 52.6582 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 70.0039, 65.4430, 52.6582 by changing the saturation by 10% instead.


 70.0039, 65.4430,
52.6582

 70.0039, 65.4430,
52.6582


449.8299,
444.3822, 414.0014

 51.8093, 47.8204,
37.1441


 118.2406,
112.6865, 95.5377

 37.0768, 33.6847,
25.0224

149.0133,
143.0762, 123.7401

 25.4409, 22.6515,
15.8746

184.7096,
178.4904, 157.0092

 16.5363, 14.3364,
9.2821

225.6946,
219.3134, 195.7633

 9.9977, 8.3550,
4.8263

272.3338,
265.9297, 240.4210

 5.4597, 4.3229,
2.0888

324.9925,

 2.5569, 1.8558,

318.7237, 291.4009

0.6091

384.0361,
378.0797, 349.1216

■ 0.9240, 0.5216,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0039, 65.4430,
52.6582

■ 70.0039, 65.4430,
52.6582

■ 63.4615, 56.1693,
38.7286

■ 77.5914, 76.0401,
69.3002

■ 57.9123, 48.1576,
27.3627

■ 86.2631, 88.0011,
88.7844

■ 53.3068, 41.3548,
18.4034

95.0500, 100.0000,
108.9000

■ 49.5893, 35.7005,
11.6747

■ 46.6977, 31.1287,
6.9762

■ 44.5607, 27.5661,
4.0709

■ 43.0836, 24.9252,
2.6121

■ 42.9651, 24.7101,
2.5050

Harmonies

Analogous

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



72.8269, 65.4430, 64.4650



70.0039, 65.4430, 52.6582



65.1607, 65.4430, 46.3944

Triad

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



70.0039, 65.4430, 52.6582



52.7745, 65.4430, 63.2340



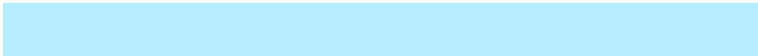
64.6849, 65.4430, 104.1688

Complementary

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



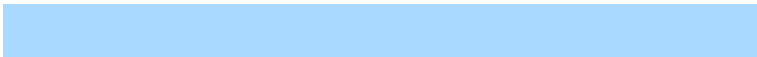
70.0039, 65.4430, 52.6582



67.3892, 77.6096, 106.0361

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.



59.3335, 65.4430, 103.7123



70.0039, 65.4430, 52.6582



52.6636, 65.4430, 78.5086

Square

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



70.0039, 65.4430, 52.6582



55.3142, 65.4430, 51.8696



55.0017, 65.4430, 93.7868



69.6382, 65.4430, 94.9561

Rectangle

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



70.0039, 65.4430, 52.6582



61.5393, 65.4430, 45.5466



55.0017, 65.4430, 93.7868



62.8687, 65.4430, 105.1776

Sweetspot

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



70.0055, 65.4460, 52.6595



86.2807, 88.0252, 88.8243



73.1577, 60.4658, 88.4992



18.1827, 18.4499, 18.3662



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.



70.0055, 65.4460, 52.6595



65.9693, 59.7425, 44.0108



79.3655, 84.1660, 55.7795



18.3682, 18.7047, 18.7866



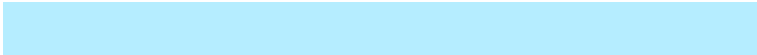
22.5468, 13.1047, 1.3411



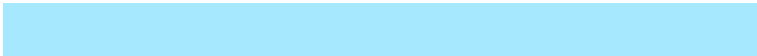
2.2763, 1.4379, 0.1576

Inverse Universe

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



67.3892, 77.6096, 106.0361



62.9430, 73.7390, 105.5233



57.9312, 58.6935, 102.8834



18.1584, 19.6885, 23.0932



19.5136, 23.9369, 53.0264



1.9851, 2.5008, 5.1914

Previews

White Background



This preview shows how the XYZ color 70.0039, 65.4430, 52.6582 looks on a white background.

Color Contrast Check

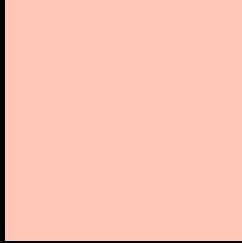
Large Text (above 18pt) WCAG AA × Fail

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 70.0039, 65.4430, 52.6582 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 70.0039, 65.4430, 52.6582

Background



This preview shows how black text looks on a background with the XYZ color 70.0039, 65.4430, 52.6582.



This preview shows how white text looks on a background with the XYZ color 70.0039, 65.4430,

52.6582.

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

70.0039, 65.4430, 52.6582

Protanopia

62.0827, 65.5485, 56.3937

Deuteranopia

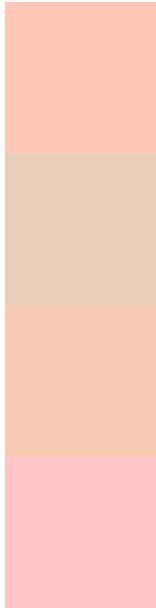
66.7932, 65.5357, 52.3093



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

70.0039, 65.4430, 52.6582

Protanomaly

64.6741, 65.4521, 55.1238

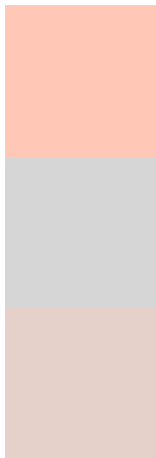
Deuteranomaly

67.7165, 65.3105, 52.2172

Tritanomaly

71.5151, 65.3160, 62.8708

Monochromacy



Original Color

70.0039, 65.4430, 52.6582

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.7742, 66.5232, 65.2507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0039, 65.4430, 52.6582 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 181) }
```

Border

The CSS property to change the border of an element to XYZ 70.0039, 65.4430, 52.6582 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, 181) }
```


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

```
.border{ border-color:rgb(255, 199, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0039, 65.4430, 52.6582 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
199, 181) }
```

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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