

Converting Colors

XYZ(70.3428, 66.6939, 52.3793)

Have a look what the booklet for
XYZ(70.3428, 66.6939, 52.3793)
contains.

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Color

**XYZ(70.2318, 66.6072,
52.3349)**

Conversions

Conversions Part 1

Format	Color
Hex	FECAB4
RGB	254, 202, 180
RGB Percent	100%, 79%, 71%
CMY	0.0039, 0.2078, 0.2941
CMYK	0.00, 0.20, 0.29, 0.00
HSL	18°, 97%, 85%
HSV	18°, 29%, 100%
XYZ	70.2318, 66.6072, 52.3349
YIQ	215.0400, 38.0540, 4.1820

Conversions

Conversions Part 2

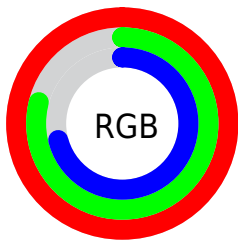
Format	Color
R _{YB}	254, 211, 180
Decimal	16698036
CIE Lab	85.31, 15.37, 18.00
CIE LCh	85, 23.669, 49.502
Yxy	66.6072, 0.3713, 0.3521
Android (android.graphics.Color)	4294888116 (0xFFFE CAB4)
YUV	215.0400, -17.2747, 34.1679
Hunter-Lab	81.6132, 10.7840, 19.1093

Details

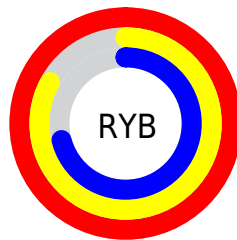
The XYZ color **70.2318, 66.6072, 52.3349** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5675, 74.5699, 104.7038**, and the grayscale version is **64.7151, 68.0854, 74.1450**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **37.1856, 34.4479, 24.7679** is the 20% darker color. If you saturate the color by 10%, you get **63.9298, 57.7714, 38.6167**, and if you desaturate by 10%, it is **77.4958, 76.6075, 68.7144**.

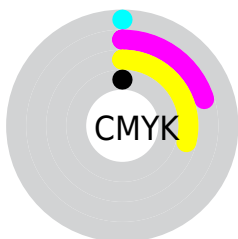
Distribution



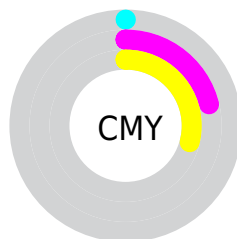
- Red (100%)
- Green (79%)
- Blue (71%)



- Red (100%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2318, 66.6072, 52.3349 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 70.2318, 66.6072, 52.3349 by changing the saturation by 10% instead.


 70.2318, 66.6072,
52.3349

 70.2318, 66.6072,
52.3349


450.6172,
448.5453, 412.7218

 51.9958, 48.7655,
36.8880


 118.5637,
114.3574, 95.0566

 37.2260, 34.4335,
24.8257

149.3904,
145.0346, 123.1684

 25.5570, 23.2268,
15.7294


185.1446,
180.7592, 156.3390

 16.6235, 14.7611,
9.1806

226.1918,
221.9155, 194.9869

 10.0600, 8.6519,
4.7607

272.8973,
268.8878, 239.5305

 5.5013, 4.5148,
2.0513

325.6265,

 2.5821, 1.9655,

322.0606, 290.3886

0.5866

384.7447,
381.8183, 347.9795

■ 0.9368, 0.5873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.2318, 66.6072,
52.3349

■ 70.2318, 66.6072,
52.3349

■ 63.9298, 57.7714,
38.6167

■ 77.4958, 76.6075,
68.7144

■ 58.5421, 50.0475,
27.4138

■ 85.7562, 87.8038,
87.8825

■ 54.0249, 43.3925,
18.5721

94.6831, 99.8109,
108.8828

■ 50.3279, 37.7571,
11.9187

■ 47.3955, 33.0874,
7.2568

■ 45.1635, 29.3238,
4.3534

■ 43.5445, 26.3944,
2.8628

■ 43.4254, 26.1754,
2.7636

Harmonies

Analogous

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



73.5165, 66.6072, 63.1197



70.2318, 66.6072, 52.3349



65.2024, 66.6072, 47.2253

Triad

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



70.2318, 66.6072, 52.3349



53.7157, 66.6072, 67.2837



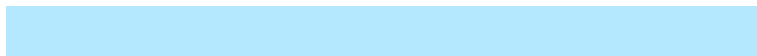
66.8075, 66.6072, 104.0168

Complementary

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



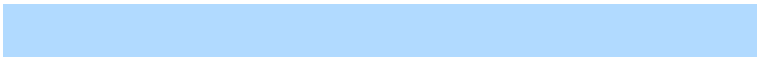
70.2318, 66.6072, 52.3349



65.5675, 74.5699, 104.7038

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.



61.4509, 66.6072, 105.5478



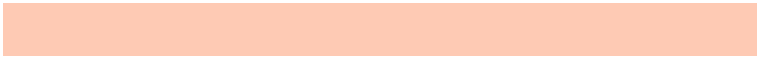
70.2318, 66.6072, 52.3349



54.0915, 66.6072, 82.8187

Square

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



70.2318, 66.6072, 52.3349



55.7980, 66.6072, 55.0125



56.8552, 66.6072, 97.3335



71.4637, 66.6072, 93.4053

Rectangle

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



70.2318, 66.6072, 52.3349



61.6238, 66.6072, 47.1585



56.8552, 66.6072, 97.3335



65.0229, 66.6072, 105.6621

Sweetspot

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



70.2336, 66.6103, 52.3363



86.6424, 88.7486, 88.9448



71.9076, 59.5992, 84.8301



18.2713, 18.6270, 18.3957



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.



70.2336, 66.6103, 52.3363



67.0134, 61.8308, 44.3588



79.6765, 85.4962, 55.4839



18.4496, 18.8673, 18.8137



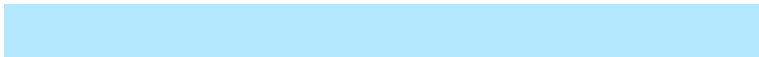
23.0056, 14.0224, 1.4941



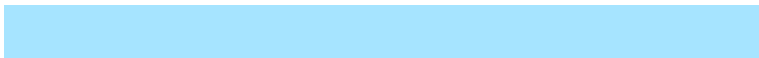
2.3303, 1.5459, 0.1756

Inverse Universe

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



65.5675, 74.5699, 104.7038



61.5936, 71.0402, 105.0735



56.4600, 56.3548, 101.6679



18.0720, 19.5156, 23.0643



18.0090, 20.9276, 52.5248



1.8488, 2.2283, 5.1459

Previews

White Background



This preview shows how the XYZ color 70.2318, 66.6072, 52.3349 looks on a white background.

Color Contrast Check

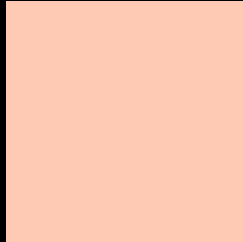
Large Text (above 18pt) WCAG AA × Fail

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 70.2318, 66.6072, 52.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

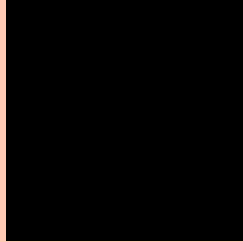
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2318, 66.6072, 52.3349

Background



This preview shows how black text looks on a background with the XYZ color 70.2318, 66.6072, 52.3349.

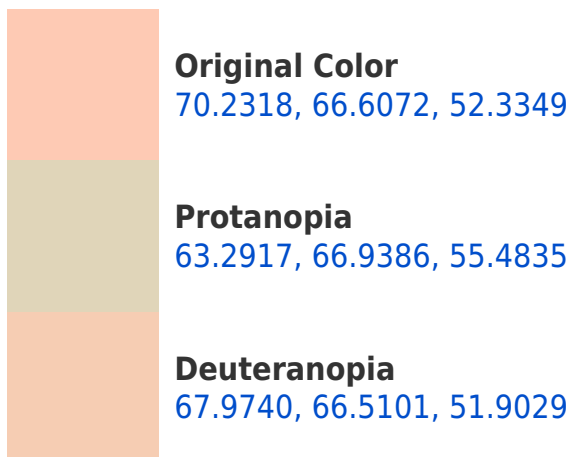


This preview shows how white text looks on a background with the XYZ color 70.2318, 66.6072,

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





Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

70.2318, 66.6072, 52.3349

Protanomaly

65.6087, 66.6820, 54.2127

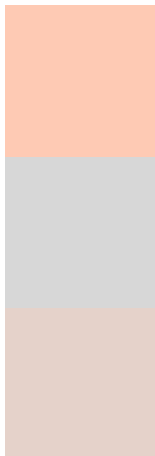
Deuteranomaly

68.7965, 66.5801, 51.8731

Tritanomaly

72.2060, 66.3239, 64.2545

Monochromacy



Original Color

70.2318, 66.6072, 52.3349

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.0204, 67.0155, 65.3327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2318, 66.6072, 52.3349 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(254, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 180)  
}
```

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(254, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 180) }
```

Border

The CSS property to change the border of an element to XYZ 70.2318, 66.6072, 52.3349 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(254, 202, 180) }
```


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

```
.border{ border-color:rgb(254, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2318, 66.6072, 52.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 180) }
```

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

```
.background{ background-color: rgb(254,  
202, 180) }
```

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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