

Converting Colors

XYZ(70.0227, 65.8875, 51.4101)

Have a look what the booklet for
XYZ(70.0227, 65.8875, 51.4101)
contains.

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Color

**XYZ(70.0310, 65.8232,
51.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B3
RGB	255, 200, 179
RGB Percent	100%, 78%, 70%
CMY	0.0000, 0.2157, 0.2980
CMYK	0.00, 0.22, 0.30, 0.00
HSL	17°, 100%, 85%
HSV	17°, 30%, 100%
XYZ	70.0310, 65.8232, 51.6619
YIQ	214.0510, 39.5210, 5.1290

Conversions

Conversions Part 2

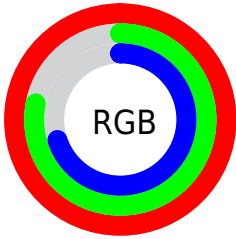
Format	Color
R _Y B	255, 208, 179
Decimal	16763059
CIE Lab	84.91, 16.66, 17.98
CIE LCh	85, 24.515, 47.191
Yxy	65.8232, 0.3735, 0.3510
Android (android.graphics.Color)	4294953139 (0xFFFFC8B3)
YUV	214.0510, -17.2801, 35.9123
Hunter-Lab	81.1315, 12.0973, 19.0381

Details

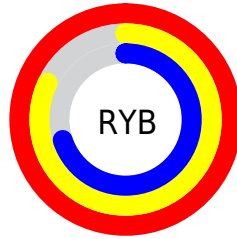
The XYZ color **70.0310, 65.8232, 51.6619** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0622, 75.6468, 105.7272**, and the grayscale version is **64.0462, 67.3816, 73.3786**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **37.0707, 33.9344, 24.3348** is the 20% darker color. If you saturate the color by 10%, you get **63.6680, 56.8500, 37.9721**, and if you desaturate by 10%, it is **77.3898, 76.0247, 68.0380**.

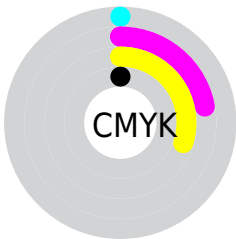
Distribution



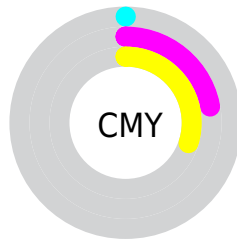
- Red (100%)
- Green (78%)
- Blue (70%)



- Red (100%)
- Yellow (82%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0310, 65.8232, 51.6619 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 70.0310, 65.8232, 51.6619 by changing the saturation by 10% instead.


 70.0310, 65.8232,
51.6619

 70.0310, 65.8232,
51.6619


449.9236,
445.7443, 410.0497

 51.8315, 48.1289,
36.3553


 118.2790,
113.2325, 94.0539

 37.0945, 33.9290,
24.4168


149.0582,
143.7164, 121.9764

 25.4547, 22.8390,
15.4281


184.7613,
179.2322, 154.9412

 16.5467, 14.4747,
8.9704

225.7538,
220.1643, 193.3670

 10.0051, 8.4516,
4.6253

272.4008,
266.8972, 237.6721

 5.4646, 4.3852,
1.9743

325.0679,

 2.5599, 1.8913,

319.8152, 288.2753

0.5394

384.1204,
379.3028, 345.5950

■ 0.9256, 0.5431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0310, 65.8232,
51.6619

■ 70.0310, 65.8232,
51.6619

■ 63.6680, 56.8500,
37.9721

■ 77.3898, 76.0247,
68.0380

■ 58.2517, 49.0491,
26.8198

■ 85.7815, 87.4899,
87.2301

■ 53.7352, 42.3732,
18.0479

95.0500, 100.0000,
108.9000

■ 50.0657, 36.7681,
11.4797

■ 47.1844, 32.1749,
6.9137

■ 45.0233, 28.5282,
4.1109

■ 43.4859, 25.7473,
2.6922

■ 43.4602, 25.7003,
2.6701

Harmonies

Analogous

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



73.2234, 65.8232, 63.0835



70.0310, 65.8232, 51.6619



64.9379, 65.8232, 46.0001

Triad

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



70.0310, 65.8232, 51.6619



52.8038, 65.8232, 65.1607



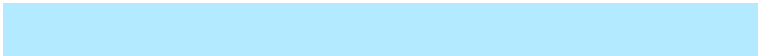
65.7420, 65.8232, 104.6857

Complementary

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



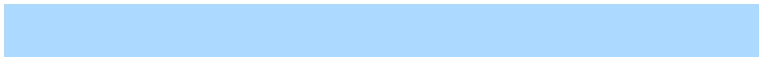
70.0310, 65.8232, 51.6619



66.0622, 75.6468, 105.7272

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.



60.2467, 65.8232, 105.4593



70.0310, 65.8232, 51.6619



52.9909, 65.8232, 81.0029

Square

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



70.0310, 65.8232, 51.6619



55.1185, 65.8232, 52.9898



55.6457, 65.8232, 96.2741



70.6493, 65.8232, 94.2940

Rectangle

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



70.0310, 65.8232, 51.6619



61.2481, 65.8232, 45.6175



55.6457, 65.8232, 96.2741



63.8965, 65.8232, 106.1279

Sweetspot

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



70.0326, 65.8262, 51.6632



86.5017, 88.4672, 88.8979



72.3173, 59.4836, 86.0657



18.2368, 18.5581, 18.3842



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.



70.0326, 65.8262, 51.6632



65.9745, 60.1229, 42.8720



79.7384, 85.2378, 54.8985



18.4179, 18.8040, 18.8031



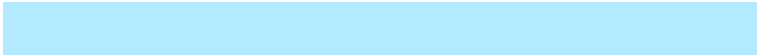
22.8154, 13.6421, 1.4307



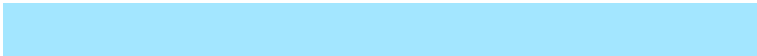
2.3083, 1.5020, 0.1683

Inverse Universe

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



66.0622, 75.6468, 105.7272



61.3886, 71.4144, 105.1566



56.5468, 56.6159, 102.5554



18.1055, 19.5826, 23.0755



18.5763, 22.0621, 52.7139



1.9004, 2.3315, 5.1631

Previews

White Background



This preview shows how the XYZ color 70.0310, 65.8232, 51.6619 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 70.0310, 65.8232, 51.6619 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 70.0310, 65.8232, 51.6619

Background



This preview shows how black text looks on a background with the XYZ color 70.0310, 65.8232, 51.6619.



This preview shows how white text looks on a background with the XYZ color 70.0310, 65.8232,

51.6619.

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

70.0310, 65.8232, 51.6619

Protanopia

62.4246, 66.1193, 55.3711

Deuteranopia

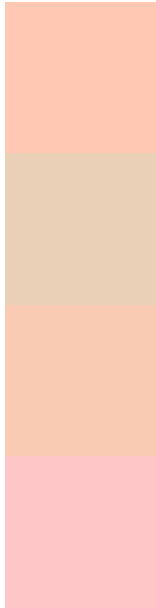
67.2849, 65.8126, 51.2763



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

70.0310, 65.8232, 51.6619

Protanomaly

65.0348, 66.0231, 54.1158

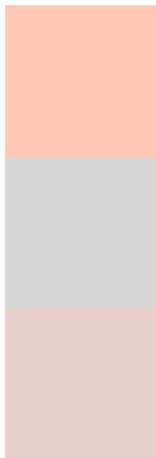
Deuteranomaly

68.4587, 66.0660, 51.2633

Tritanomaly

71.7429, 65.7717, 62.9468

Monochromacy



Original Color

70.0310, 65.8232, 51.6619

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.6562, 66.4760, 64.6290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0310, 65.8232, 51.6619 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, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 179)  
}
```

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, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 179) }
```

Border

The CSS property to change the border of an element to XYZ 70.0310, 65.8232, 51.6619 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, 200, 179) }
```


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

```
.border{ border-color:rgb(255, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0310, 65.8232, 51.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 179) }
```

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

```
.background{ background-color: rgb(255,  
200, 179) }
```

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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