

Converting Colors

XYZ(71.7185, 64.7067, 52.4613)

Have a look what the booklet for
XYZ(71.7185, 64.7067, 52.4613)
contains.

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Color

**XYZ(68.8723, 63.1798,
52.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2B5
RGB	255, 194, 181
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2392, 0.2902
CMYK	0.00, 0.24, 0.29, 0.00
HSL	11°, 100%, 85%
HSV	11°, 29%, 100%
XYZ	68.8723, 63.1798, 52.2810
YIQ	210.7570, 40.5290, 8.8890

Conversions

Conversions Part 2

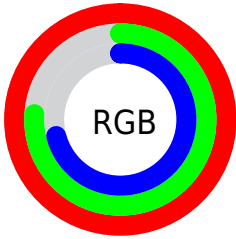
Format	Color
R _Y B	255, 197, 181
Decimal	16761525
CIE Lab	83.54, 20.06, 15.00
CIE LCh	84, 25.048, 36.798
Yxy	63.1798, 0.3736, 0.3427
Android (android.graphics.Color)	4294951605 (0xFFFFC2B5)
YUV	210.7570, -14.6702, 38.8011
Hunter-Lab	79.4857, 15.5656, 16.6426

Details

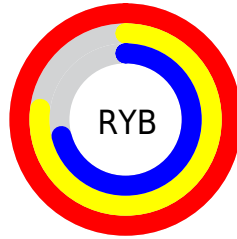
The XYZ color **68.8723, 63.1798, 52.2810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8570, 80.5452, 106.5254**, and the grayscale version is **61.8329, 65.0530, 70.8428**.

A 20% lighter version of the original color is **91.0232, 96.3688, 93.9244**, and **36.3003, 32.1850, 24.7212** is the 20% darker color. If you saturate the color by 10%, you get **62.1399, 53.5260, 38.2880**, and if you desaturate by 10%, it is **76.7484, 74.3542, 69.0191**.

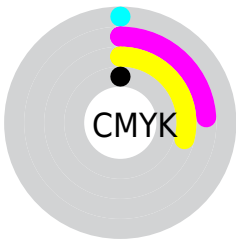
Distribution



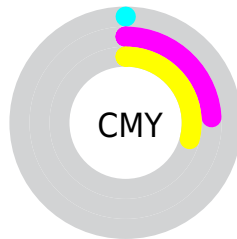
- Red (100%)
- Green (76%)
- Blue (71%)



- Red (100%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8723, 63.1798, 52.2810 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 68.8723, 63.1798, 52.2810 by changing the saturation by 10% instead.


 68.8723, 63.1798,
52.2810

 68.8723, 63.1798,
52.2810


445.9089,
436.2217, 412.5082

 50.8840, 45.9867,
36.8453


 116.6342,
109.4289, 94.9763

 36.3370, 32.2353,
24.7929


147.1386,
139.2536, 123.0730

 24.8659, 21.5413,
15.7052


182.5456,
174.0577, 156.2272

 16.1053, 13.5202,
9.1637

223.2207,
214.2255, 194.8573

 9.6900, 7.7878,
4.7498

269.5292,
260.1414, 239.3819

 5.2546, 3.9594,
2.0451

321.8365,

 2.4337, 1.6509,

312.1898, 290.2196

0.5828

380.5080,
370.7551, 347.7889

■ 0.8619, 0.3916,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.8723, 63.1798,
52.2810

■ 68.8723, 63.1798,
52.2810

■ 62.1399, 53.5260,
38.2880

■ 76.7484, 74.3542,
69.0191

■ 56.4927, 45.3183,
26.8894

■ 85.8136, 87.1022,
88.6345

■ 51.8740, 38.4892,
17.9257

95.0500, 100.0000,
108.9000

■ 48.2200, 32.9619,
11.2182

■ 45.4594, 28.6522,
6.5634

■ 43.5104, 25.4655,
3.7208

■ 42.2653, 23.2887,
2.3394

■ 42.1714, 23.1227,
2.2405

Harmonies

Analogous

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



71.1112, 63.1798, 65.2880



68.8723, 63.1798, 52.2810



64.2902, 63.1798, 44.6548

Triad

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



68.8723, 63.1798, 52.2810



50.8931, 63.1798, 57.5942



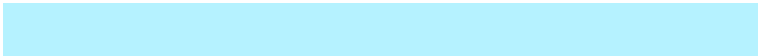
61.3040, 63.1798, 103.2458

Complementary

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



68.8723, 63.1798, 52.2810



68.8570, 80.5452, 106.5254

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.



56.0014, 63.1798, 100.3572



68.8723, 63.1798, 52.2810



50.2007, 63.1798, 72.4193

Square

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



68.8723, 63.1798, 52.2810



53.9683, 63.1798, 47.3814



52.0161, 63.1798, 88.4579



66.5733, 63.1798, 95.8406

Rectangle

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



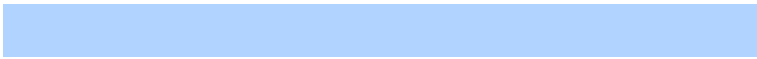
68.8723, 63.1798, 52.2810



60.6399, 63.1798, 42.8875



52.0161, 63.1798, 88.4579



59.4649, 63.1798, 103.4619

Sweetspot

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



68.8739, 63.1827, 52.2823



85.8321, 87.1280, 88.6747



73.8916, 60.7593, 92.3637



18.0730, 18.2304, 18.3296



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.



68.8739, 63.1827, 52.2823



64.7126, 57.2291, 43.5919



77.9704, 81.3759, 55.3145



18.2674, 18.5030, 18.7530



22.1098, 12.2308, 1.1955



2.2202, 1.3257, 0.1389

Inverse Universe

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



68.8570, 80.5452, 106.5254



64.6822, 77.2174, 106.1031



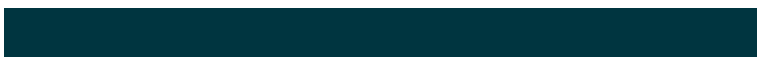
59.0978, 61.0267, 103.2723



18.2673, 19.9062, 23.1294



21.5968, 28.1032, 53.7208



2.1708, 2.8723, 5.2533

Previews

White Background



This preview shows how the XYZ color 68.8723, 63.1798, 52.2810 looks on a white background.

Color Contrast Check

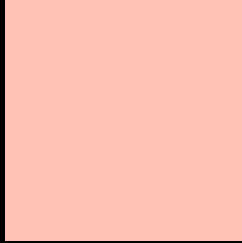
Large Text (above 18pt) WCAG AA × Fail

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 68.8723, 63.1798, 52.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

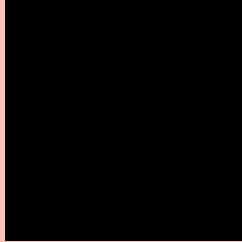
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8723, 63.1798, 52.2810

Background



This preview shows how black text looks on a background with the XYZ color 68.8723, 63.1798, 52.2810.



This preview shows how white text looks on a background with the XYZ color 68.8723, 63.1798,

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

68.8723, 63.1798, 52.2810

Protanopia

60.2482, 63.4943, 56.6572

Deuteranopia

64.7215, 63.4193, 52.0100



Tritanopia

71.1091, 63.3671, 66.2408

Trichromacy



Original Color

68.8723, 63.1798, 52.2810

Protanomaly

63.0679, 63.2036, 54.7744

Deuteranomaly

66.0885, 63.0959, 51.8755

Tritanomaly

70.2738, 63.3855, 60.7553

Monochromacy



Original Color

68.8723, 63.1798, 52.2810

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.9352, 64.1637, 63.6587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8723, 63.1798, 52.2810 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, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 181) }
```

Border

The CSS property to change the border of an element to XYZ 68.8723, 63.1798, 52.2810 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, 194, 181) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8723, 63.1798, 52.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 181) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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