

Converting Colors

XYZ(68.1255, 62.1736, 50.5296)

Have a look what the booklet for
XYZ(68.1255, 62.1736, 50.5296)
contains.

XYZ(68.1255, 62.1736, 50.5296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.1255, 62.1736,
50.5296)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B2
RGB	255, 192, 178
RGB Percent	100%, 75%, 70%
CMY	0.0000, 0.2470, 0.3020
CMYK	0.00, 0.25, 0.30, 0.00
HSL	11°, 100%, 85%
HSV	11°, 30%, 100%
XYZ	68.1255, 62.1736, 50.5296
YIQ	209.2410, 42.0420, 9.0020

Conversions

Conversions Part 2

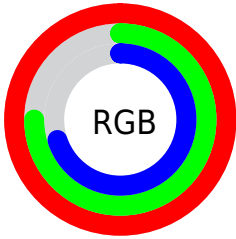
Format	Color
R _Y B	255, 195, 178
Decimal	16761010
CIE Lab	83.01, 20.72, 15.86
CIE LCh	83, 26.089, 37.428
Yxy	62.1736, 0.3767, 0.3438
Android (android.graphics.Color)	4294951090 (0xFFFFC0B2)
YUV	209.2410, -15.4018, 40.1306
Hunter-Lab	78.8502, 16.2336, 17.2004

Details

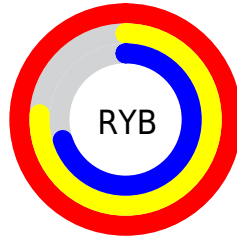
The XYZ color **68.1255, 62.1736, 50.5296** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8643, 79.5929, 106.3939**, and the grayscale version is **60.8412, 64.0097, 69.7065**.

A 20% lighter version of the original color is **89.9670, 94.9519, 91.4277**, and **35.8161, 31.5279, 23.5998** is the 20% darker color. If you saturate the color by 10%, you get **61.5389, 52.7239, 36.8549**, and if you desaturate by 10%, it is **75.8405, 73.1180, 66.9297**.

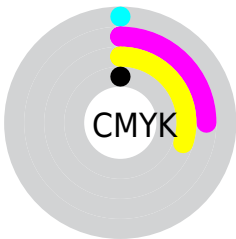
Distribution



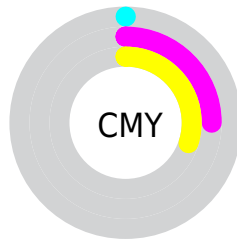
- Red (100%)
- Green (75%)
- Blue (70%)



- Red (100%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1255, 62.1736, 50.5296 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 68.1255, 62.1736, 50.5296 by changing the saturation by 10% instead.


 68.1255, 62.1736,
50.5296

 68.1255, 62.1736,
50.5296


443.3103,
432.5640, 405.5277

 50.2739, 45.1730,
35.4603


 115.5726,
107.9764, 92.3634

 35.8498, 31.5937,
23.7312

145.8988,
137.5474, 119.9650

 24.4878, 21.0514,
14.9240


181.1139,
172.0772, 152.5811

 15.8225, 13.1615,
8.6201

221.5832,
211.9504, 190.6302

 9.4887, 7.5399,
4.4008

267.6722,
257.5513, 234.5308

 5.1209, 3.8020,
1.8477

319.7461,

 2.3539, 1.5634,

309.2643, 284.7016

0.4591

378.1704,
367.4737, 341.5610

■ 0.8220, 0.3327,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.1255, 62.1736,
50.5296

■ 68.1255, 62.1736,
50.5296

■ 61.5389, 52.7239,
36.8549

■ 75.8405, 73.1180,
66.9297

■ 56.0223, 44.6953,
25.7535

■ 84.7291, 85.6094,
86.1884

■ 51.5194, 38.0210,
17.0646

94.8399, 99.7080,
108.4345

■ 47.9662, 32.6252,
10.6069

95.0500, 100.0000,
108.9000

■ 45.2915, 28.4244,
6.1740

■ 43.4128, 25.3249,
3.5199

■ 42.2319, 23.2439,
2.2606

Harmonies

Analogous

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



70.5060, 62.1736, 63.7622



68.1255, 62.1736, 50.5296



63.3526, 62.1736, 42.8892

Triad

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



68.1255, 62.1736, 50.5296



49.6405, 62.1736, 56.4675



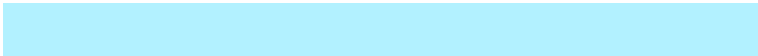
60.5065, 62.1736, 103.3761

Complementary

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



68.1255, 62.1736, 50.5296



67.8643, 79.5929, 106.3939

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.



55.0309, 62.1736, 100.5940



68.1255, 62.1736, 50.5296



48.9853, 62.1736, 71.7893

Square

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



68.1255, 62.1736, 50.5296



52.7488, 62.1736, 45.9180



50.8985, 62.1736, 88.3681



65.9290, 62.1736, 95.4583

Rectangle

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



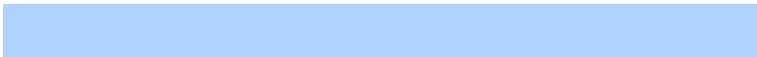
68.1255, 62.1736, 50.5296



59.5818, 62.1736, 41.1815



50.8985, 62.1736, 88.3681



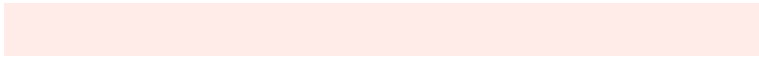
58.6092, 62.1736, 103.6804

Sweetspot

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



68.1271, 62.1765, 50.5309



85.8727, 87.2092, 88.6882



73.2128, 59.5222, 91.7661



18.0829, 18.2503, 18.3329



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.



68.1271, 62.1765, 50.5309



64.1693, 56.5125, 42.2703



77.3878, 80.6980, 53.6178



18.2765, 18.5212, 18.7560



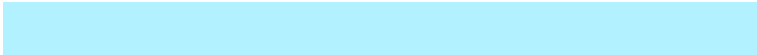
22.1435, 12.2983, 1.2067



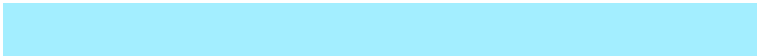
2.2247, 1.3349, 0.1404

Inverse Universe

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



67.8643, 79.5929, 106.3939



63.8581, 76.3533, 105.9797



57.9244, 59.7131, 103.0806



18.2574, 19.8864, 23.1261



21.3981, 27.7058, 53.6545



2.1532, 2.8372, 5.2474

Previews

White Background



This preview shows how the XYZ color 68.1255, 62.1736, 50.5296 looks on a white background.

Color Contrast Check

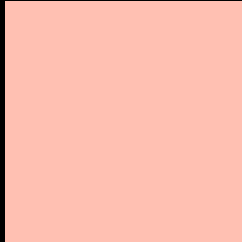
Large Text (above 18pt) WCAG AA × Fail

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 68.1255, 62.1736, 50.5296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

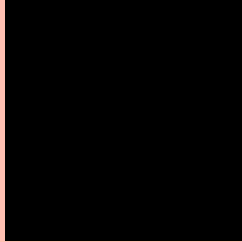
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1255, 62.1736, 50.5296

Background



This preview shows how black text looks on a background with the XYZ color 68.1255, 62.1736, 50.5296.



This preview shows how white text looks on a background with the XYZ color 68.1255, 62.1736,

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

68.1255, 62.1736, 50.5296

Protanopia

59.1472, 62.2443, 54.7959

Deuteranopia

63.6191, 62.1983, 50.2474



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

68.1255, 62.1736, 50.5296

Protanomaly

61.9633, 61.9737, 52.9523

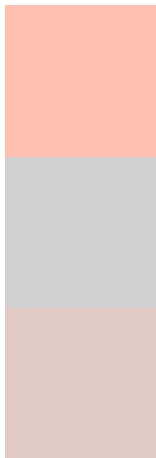
Deuteranomaly

64.9840, 61.8873, 50.1154

Tritanomaly

69.3911, 61.9820, 59.3453

Monochromacy



Original Color

68.1255, 62.1736, 50.5296

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.9130, 62.9578, 62.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1255, 62.1736, 50.5296 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, 192, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 178)  
}
```

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, 192, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 178) }
```

Border

The CSS property to change the border of an element to XYZ 68.1255, 62.1736, 50.5296 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, 192, 178) }
```


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

```
.border{ border-color:rgb(255, 192, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 178); box-shadow:4px 4px 4px 4px rgb(255, 192, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1255, 62.1736, 50.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 178) }
```

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

```
.background{ background-color: rgb(255,  
192, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor