

Converting Colors

XYZ(68.4128, 62.2235, 61.2468)

Have a look what the booklet for
XYZ(68.4128, 62.2235, 61.2468)
contains.

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Color

**XYZ(68.3520, 62.0545,
61.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC0C5
RGB	250, 192, 197
RGB Percent	98%, 75%, 77%
CMY	0.0196, 0.2470, 0.2274
CMYK	0.00, 0.23, 0.21, 0.02
HSL	355°, 85%, 87%
HSV	355°, 23%, 98%
XYZ	68.3520, 62.0545, 61.1985
YIQ	209.9120, 32.9630, 13.8510

Conversions

Conversions Part 2

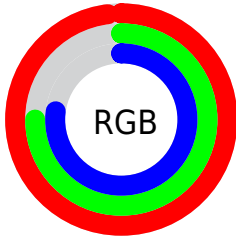
Format	Color
R _Y B	250, 192, 197
Decimal	16433349
CIE Lab	82.94, 21.49, 5.54
CIE LCh	83, 22.188, 14.452
Yxy	62.0545, 0.3567, 0.3239
Android (android.graphics.Color)	4294623429 (0xFFFA0C5)
YUV	209.9120, -6.3656, 35.1572
Hunter-Lab	78.7747, 17.0270, 9.0810

Details

The XYZ color **68.3520, 62.0545, 61.1985** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4078, 86.1717, 99.2069**, and the grayscale version is **61.2276, 64.4162, 70.1492**.

A 20% lighter version of the original color is **93.0051, 96.1671, 107.4261**, and **36.0387, 31.4976, 30.1668** is the 20% darker color. If you saturate the color by 10%, you get **60.8994, 51.0258, 46.7627**, and if you desaturate by 10%, it is **77.1371, 75.1123, 78.0373**.

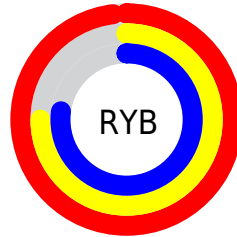
Distribution



Red (98%)

Green (75%)

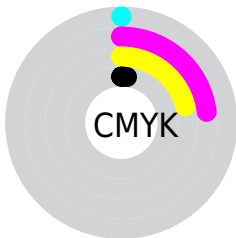
Blue (77%)



Red (98%)

Yellow (75%)

Blue (77%)

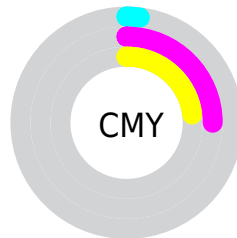


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (2%)



Cyan (2%)


Magenta (25%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3520, 62.0545, 61.1985 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 68.3520, 62.0545, 61.1985 by changing the saturation by 10% instead.

 68.3520, 62.0545,
61.1985

 68.3520, 62.0545,
61.1985


444.0994,
432.1299, 446.9281

 50.4589, 45.0767,
43.9538


 115.8947,
107.8043, 108.1266

 35.9974, 31.5179,
30.2973


146.2750,
137.3451, 138.6471

 24.6023, 20.9935,
19.8104


181.5484,
171.8424, 174.4300

 15.9082, 13.1193,
12.0746

222.0803,
211.6806, 215.8937

 9.5496, 7.5107,
6.6713

268.2359,
257.2440, 263.4568

 5.1613, 3.7835,
3.1821


320.3808,

 2.3780, 1.5532,


308.9171, 317.5379


1.1884


378.8801,
367.0843, 378.5555


 0.8341, 0.3257,
0.0000


 0.0000, 0.0000,
0.0000


 68.3520, 62.0545,
61.1985


 68.3520, 62.0545,
61.1985


 60.8994, 51.0258,
46.7627


 77.1371, 75.1123,
78.0373

 54.7094, 41.9163,
34.6166

 87.3101, 90.2847,
97.3776

 49.7132, 34.6188,
24.6435

 93.2345, 99.0641,
108.8150

 45.8337, 29.0120,
16.7149

■ 42.9844, 24.9600,
10.6889

■ 41.0662, 22.3058,
6.4050

■ 39.9601, 20.8592,
3.6765

■ 39.5649, 20.3802,
2.5841

Harmonies

Analogous

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



68.3017, 62.0545, 74.8831



68.3520, 62.0545, 61.1985



65.7994, 62.0545, 50.7343

Triad

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



68.3520, 62.0545, 61.1985



52.7662, 62.0545, 50.4401



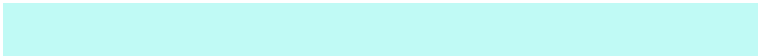
56.5476, 62.0545, 96.2820

Complementary

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



68.3520, 62.0545, 61.1985



72.4078, 86.1717, 99.2069

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.



52.6506, 62.0545, 87.7628



68.3520, 62.0545, 61.1985



50.5492, 62.0545, 60.7433

Square

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



68.3520, 62.0545, 61.1985



56.7132, 62.0545, 45.1171



50.5081, 62.0545, 74.3622



61.3083, 62.0545, 96.4475

Rectangle

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



68.3520, 62.0545, 61.1985



63.0409, 62.0545, 46.4624



50.5081, 62.0545, 74.3622



55.0992, 62.0545, 94.2538

Sweetspot

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



68.3537, 62.0574, 61.1998



87.1015, 88.1288, 93.8393



73.4844, 63.8732, 98.8986



18.5040, 18.6554, 19.8208



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.



68.3537, 62.0574, 61.1998



67.5644, 59.0818, 56.4149



73.2920, 72.8349, 60.0684



17.3053, 17.2495, 18.1974



21.0073, 10.8187, 1.4812



1.9657, 1.0100, 0.2427

Inverse Universe

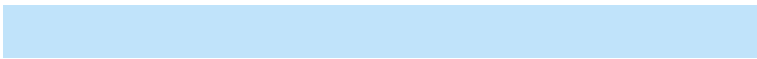
The Inverse Universe completely reimagines the original color for something new.



68.3537, 62.0574, 61.1998



67.5644, 59.0818, 56.4149



66.4104, 72.9398, 101.0214



17.3053, 17.2495, 18.1974



21.0073, 10.8187, 1.4812



1.9657, 1.0100, 0.2427

Previews

White Background



This preview shows how the XYZ color 68.3520, 62.0545, 61.1985 looks on a white background.

Color Contrast Check

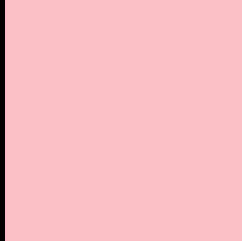
Large Text (above 18pt) WCAG AA × Fail

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 68.3520, 62.0545, 61.1985 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 68.3520, 62.0545, 61.1985

Background



This preview shows how black text looks on a background with the XYZ color 68.3520, 62.0545, 61.1985.



This preview shows how white text looks on a background with the XYZ color 68.3520, 62.0545,

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

68.3520, 62.0545, 61.1985

Protanopia

59.9547, 62.3993, 66.6419

Deuteranopia

63.5731, 62.2830, 60.8957



Tritanopia

69.4339, 62.1786, 66.0997

Trichromacy



Original Color

68.3520, 62.0545, 61.1985

Protanomaly

62.5987, 62.0451, 64.5537

Deuteranomaly

65.1900, 62.0952, 60.7742

Tritanomaly

69.0751, 62.0351, 64.2104

Monochromacy



Original Color

68.3520, 62.0545, 61.1985

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.4267, 63.1272, 66.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3520, 62.0545, 61.1985 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(250, 192, 197) looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 197)  
}
```

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(250, 192, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 197) }
```

Border

The CSS property to change the border of an element to XYZ 68.3520, 62.0545, 61.1985 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(250, 192, 197) }
```


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

```
.border{ border-color:rgb(250, 192, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3520, 62.0545, 61.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 197) }
```

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

```
.background{ background-color: rgb(250,  
192, 197) }
```

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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