

Converting Colors

XYZ(69.7109, 65.8204, 49.5909)

Have a look what the booklet for
XYZ(69.7109, 65.8204, 49.5909)
contains.

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Color

**XYZ(69.6321, 65.6637,
49.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8AF
RGB	255, 200, 175
RGB Percent	100%, 78%, 69%
CMY	0.0000, 0.2157, 0.3137
CMYK	0.00, 0.22, 0.31, 0.00
HSL	19°, 100%, 84%
HSV	19°, 31%, 100%
XYZ	69.6321, 65.6637, 49.5618
YIQ	213.5950, 40.8050, 3.8850

Conversions

Conversions Part 2

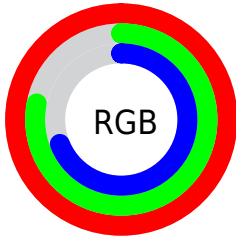
Format	Color
R _Y B	255, 211, 175
Decimal	16763055
CIE Lab	84.82, 16.15, 19.99
CIE LCh	85, 25.698, 51.057
Yxy	65.6637, 0.3767, 0.3552
Android (android.graphics.Color)	4294953135 (0xFFFFC8AF)
YUV	213.5950, -19.0273, 36.3122
Hunter-Lab	81.0331, 11.5778, 20.4600

Details

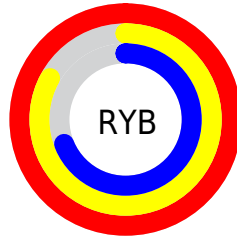
The XYZ color **69.6321, 65.6637, 49.5618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.0250, 72.9251, 105.3092**, and the grayscale version is **63.7504, 67.0703, 73.0396**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **36.8177, 33.8332, 23.0023** is the 20% darker color. If you saturate the color by 10%, you get **63.5308, 57.0976, 36.3167**, and if you desaturate by 10%, it is **76.6753, 75.3561, 65.4554**.

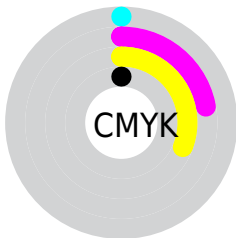
Distribution



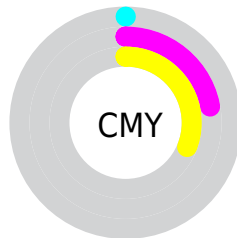
- Red (100%)
- Green (78%)
- Blue (69%)



- Red (100%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6321, 65.6637, 49.5618 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 69.6321, 65.6637, 49.5618 by changing the saturation by 10% instead.


 69.6321, 65.6637,
49.5618

 69.6321, 65.6637,
49.5618


448.5438,
445.1732, 401.6357

 51.5052, 47.9995,
34.6966


 117.7131,
113.0035, 90.9149

 36.8335, 33.8265,
23.1476


148.3979,
143.4479, 118.2399

 25.2517, 22.7603,
14.4962


183.9993,
178.9211, 150.5552

 16.3944, 14.4166,
8.3239

224.8827,
219.8075, 188.2794

 9.8963, 8.4110,
4.2122

271.4136,
266.4915, 231.8310

 5.3920, 4.3590,
1.7424

323.9571,

 2.5161, 1.8764,

319.3575, 281.6285

0.3896

382.8787,
378.7900, 338.0906

■ 0.9034, 0.5341,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6321, 65.6637,
49.5618

■ 69.6321, 65.6637,
49.5618

■ 63.5308, 57.0976,
36.3167

■ 76.6753, 75.3561,
65.4554

■ 58.3238, 49.6066,
25.5703

■ 84.6948, 86.2053,
84.1281

■ 53.9672, 43.1490,
17.1640

■ 93.7294, 98.2519,
105.7064

■ 50.4104, 37.6766,
10.9190

■ 95.0500, 100.0000,
108.9000

■ 47.5971, 33.1370,
6.6301

■ 45.4617, 29.4716,
4.0516

■ 44.0871, 26.9542,
2.8790

Harmonies

Analogous

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



73.3242, 65.6637, 60.6982



69.6321, 65.6637, 49.5618



64.1482, 65.6637, 44.5256

Triad

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



69.6321, 65.6637, 49.5618



52.1009, 65.6637, 66.6802



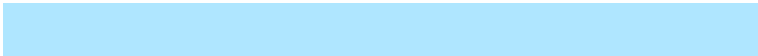
66.4745, 65.6637, 105.3570

Complementary

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



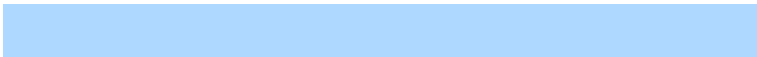
69.6321, 65.6637, 49.5618



64.0250, 72.9251, 105.3092

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.



60.7062, 65.6637, 107.6159



69.6321, 65.6637, 49.5618



52.6389, 65.6637, 83.5053

Square

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



69.6321, 65.6637, 49.5618



54.1902, 65.6637, 53.3613



55.7079, 65.6637, 99.1025



71.4246, 65.6637, 93.3355

Rectangle

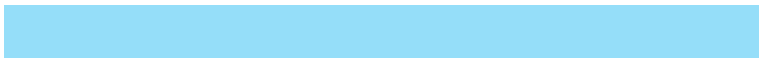
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6321, 65.6637, 49.5618



60.3119, 65.6637, 44.6739



55.7079, 65.6637, 99.1025



64.5590, 65.6637, 107.3492

Sweetspot

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



69.6338, 65.6668, 49.5631



86.7445, 88.9529, 88.9789



70.9942, 57.6901, 82.9952



18.2963, 18.6771, 18.4041



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.



69.6338, 65.6668, 49.5631



65.4863, 59.8644, 40.4964



79.8446, 86.0884, 52.9667



18.4726, 18.9133, 18.8214



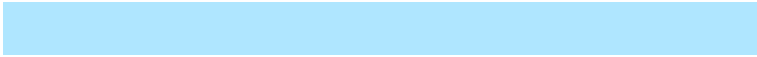
23.1531, 14.3174, 1.5432



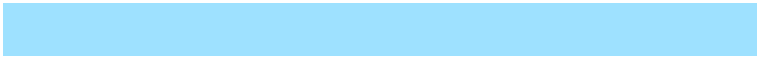
2.3470, 1.5793, 0.1811

Inverse Universe

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



64.0250, 72.9251, 105.3092



59.0177, 68.1942, 104.6600



54.3606, 53.5963, 102.0878



18.0478, 19.4673, 23.0563



17.6113, 20.1322, 52.3923



1.8124, 2.1556, 5.1338

Previews

White Background



This preview shows how the XYZ color 69.6321, 65.6637, 49.5618 looks on a white background.

Color Contrast Check

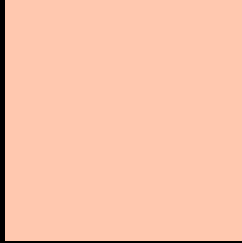
Large Text (above 18pt) WCAG AA × Fail

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 69.6321, 65.6637, 49.5618 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 69.6321, 65.6637, 49.5618

Background



This preview shows how black text looks on a background with the XYZ color 69.6321, 65.6637, 49.5618.



This preview shows how white text looks on a background with the XYZ color 69.6321, 65.6637,

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

69.6321, 65.6637, 49.5618

Protanopia

62.3154, 66.1111, 53.1924

Deuteranopia

67.2389, 65.8346, 49.2079



Tritanopia

72.8391, 65.8456, 69.8432

Trichromacy



Original Color

69.6321, 65.6637, 49.5618

Protanomaly

64.9535, 66.0286, 51.9692

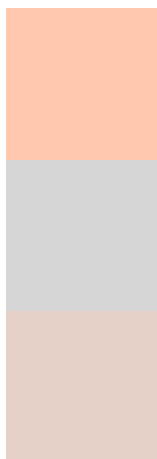
Deuteranomaly

68.0628, 65.9076, 49.1785

Tritanomaly

71.5121, 65.6794, 61.7316

Monochromacy



Original Color

69.6321, 65.6637, 49.5618

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.5389, 66.4291, 64.0114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6321, 65.6637, 49.5618 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 175) }
```

Border

The CSS property to change the border of an element to XYZ 69.6321, 65.6637, 49.5618 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, 175) }
```


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

```
.border{ border-color:rgb(255, 200, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6321, 65.6637, 49.5618 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
200, 175) }
```

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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