

Converting Colors

XYZ(72.1236, 69.2515, 54.6934)

Have a look what the booklet for
XYZ(72.1236, 69.2515, 54.6934)
contains.

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Color

**XYZ(72.2046, 69.3463,
54.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB8
RGB	255, 207, 184
RGB Percent	100%, 81%, 72%
CMY	0.0000, 0.1882, 0.2784
CMYK	0.00, 0.19, 0.28, 0.00
HSL	19°, 100%, 86%
HSV	19°, 28%, 100%
XYZ	72.2046, 69.3463, 54.9270
YIQ	218.7300, 35.9910, 3.0230

Conversions

Conversions Part 2

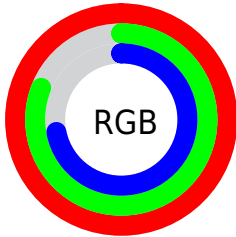
Format	Color
R _Y B	255, 218, 184
Decimal	16764856
CIE Lab	86.68, 13.66, 17.82
CIE LCh	87, 22.449, 52.523
Yxy	69.3463, 0.3675, 0.3529
Android (android.graphics.Color)	4294954936 (0xFFFFCFB8)
YUV	218.7300, -17.1219, 31.8088
Hunter-Lab	83.2744, 9.0414, 19.1850

Details

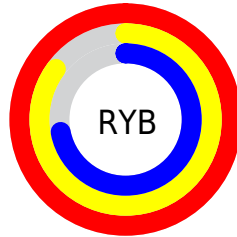
The XYZ color **72.2046, 69.3463, 54.9270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6729, 75.1212, 105.5936**, and the grayscale version is **67.2437, 70.7456, 77.0419**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.5139, 36.2915, 26.4478** is the 20% darker color. If you saturate the color by 10%, you get **65.8182, 60.4727, 40.7780**, and if you desaturate by 10%, it is **79.5321, 79.3308, 71.7683**.

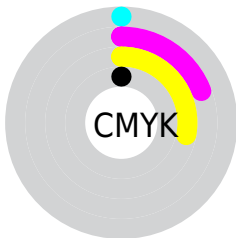
Distribution



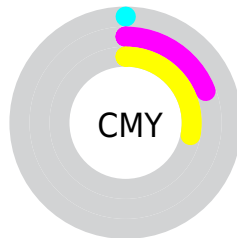
- Red (100%)
- Green (81%)
- Blue (72%)



- Red (100%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2046, 69.3463, 54.9270 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 72.2046, 69.3463, 54.9270 by changing the saturation by 10% instead.


 72.2046, 69.3463,
54.9270

 72.2046, 69.3463,
54.9270


457.4000,
458.2514, 422.9093

 53.6119, 50.9938,
38.9451


 121.3566,
118.2761, 98.9041

 38.5209, 36.2037,
26.4095

152.6466,
149.6221, 127.7363

 26.5663, 24.5915,
16.9017


188.8997,
186.0681, 161.6890

 17.3826, 15.7730,
10.0032

230.4814,
227.9985, 201.1808

 10.6047, 9.3637,
5.2955

277.7569,
275.7976, 246.6302

 5.8670, 4.9791,
2.3599

331.0916,

 2.8043, 2.2350,

329.8498, 298.4557

0.7645

390.8508,
390.5397, 357.0759

■ 1.0511, 0.7390,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2046, 69.3463,
54.9270

■ 72.2046, 69.3463,
54.9270

■ 65.8182, 60.4727,
40.7780

■ 79.5321, 79.3308,
71.7683

■ 60.3275, 52.6611,
29.1759

■ 87.8336, 90.4542,
91.4286

■ 55.6905, 45.8726,
19.9678

95.0500, 100.0000,
108.9000

■ 51.8595, 40.0622,
12.9825

■ 48.7814, 35.1810,
8.0256

■ 46.3955, 31.1753,
4.8686

■ 44.6254, 27.9825,
3.2071

■ 44.3045, 27.3891,
2.9515

Harmonies

Analogous

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



75.6176, 69.3463, 65.0287



72.2046, 69.3463, 54.9270



67.2254, 69.3463, 50.4560

Triad

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



72.2046, 69.3463, 54.9270



56.4585, 69.3463, 71.8298



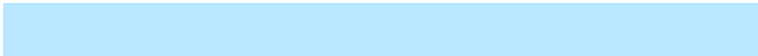
69.8288, 69.3463, 105.2704

Complementary

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



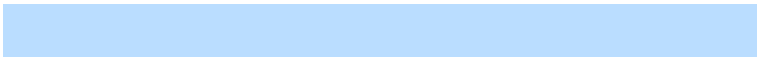
72.2046, 69.3463, 54.9270



66.6729, 75.1212, 105.5936

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.



64.6150, 69.3463, 107.7188



72.2046, 69.3463, 54.9270



57.0738, 69.3463, 87.0530

Square

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



72.2046, 69.3463, 54.9270



58.2678, 69.3463, 59.3424



59.9953, 69.3463, 100.6741



74.1962, 69.3463, 94.3673

Rectangle

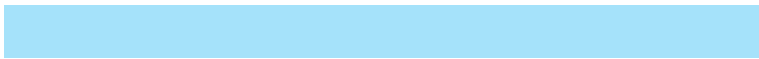
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2046, 69.3463, 54.9270



63.7605, 69.3463, 50.7925



59.9953, 69.3463, 100.6741



68.1105, 69.3463, 107.1632

Sweetspot

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



72.2062, 69.3494, 54.9284



87.6951, 90.2700, 91.0964



73.0199, 61.3973, 84.7320



18.4899, 18.9480, 18.8271



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.



72.2062, 69.3494, 54.9284



68.7970, 64.6357, 47.3031



81.6392, 88.2153, 58.0727



18.4899, 18.9480, 18.8271



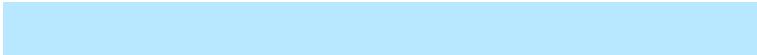
23.2697, 14.5506, 1.5821



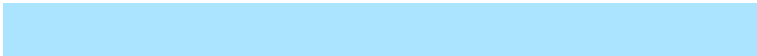
2.3600, 1.6054, 0.1855

Inverse Universe

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



66.6729, 75.1212, 105.5936



62.4823, 71.2017, 105.0579



57.7879, 57.3512, 102.6319



18.0296, 19.4309, 23.0502



17.3190, 19.5476, 52.2948



1.7856, 2.1019, 5.1249

Previews

White Background



This preview shows how the XYZ color 72.2046, 69.3463, 54.9270 looks on a white background.

Color Contrast Check

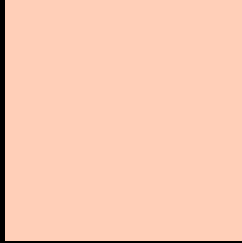
Large Text (above 18pt) WCAG AA × Fail

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 72.2046, 69.3463, 54.9270 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 72.2046, 69.3463, 54.9270

Background



This preview shows how black text looks on a background with the XYZ color 72.2046, 69.3463, 54.9270.



This preview shows how white text looks on a background with the XYZ color 72.2046, 69.3463,

54.9270.

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

72.2046, 69.3463, 54.9270

Protanopia

65.9931, 69.7938, 58.1375

Deuteranopia

70.8765, 69.3856, 55.0046



Tritanopia

75.4878, 69.5077, 75.7674

Trichromacy



Original Color

72.2046, 69.3463, 54.9270

Protanomaly

68.0238, 69.3535, 56.8150

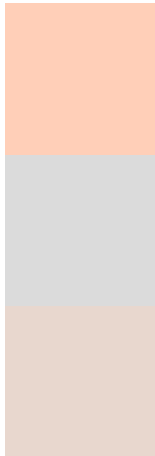
Deuteranomaly

71.3525, 69.2679, 54.9568

Tritanomaly

74.2119, 69.3789, 67.8726

Monochromacy



Original Color

72.2046, 69.3463, 54.9270

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7197, 70.2129, 68.3230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2046, 69.3463, 54.9270 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, 207, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 184)  
}
```

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, 207, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 184) }
```

Border

The CSS property to change the border of an element to XYZ 72.2046, 69.3463, 54.9270 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, 207, 184) }
```


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

```
.border{ border-color:rgb(255, 207, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2046, 69.3463, 54.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 184) }
```

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

```
.background{ background-color: rgb(255,  
207, 184) }
```

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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