

Converting Colors

XYZ(72.5053, 67.0199, 64.0535)

Have a look what the booklet for
XYZ(72.5053, 67.0199, 64.0535)
contains.

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Color

**XYZ(72.5520, 67.2034,
63.7912)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9C8
RGB	255, 201, 200
RGB Percent	100%, 79%, 78%
CMY	0.0000, 0.2117, 0.2157
CMYK	0.00, 0.21, 0.22, 0.00
HSL	1°, 100%, 89%
HSV	1°, 22%, 100%
XYZ	72.5520, 67.2034, 63.7912
YIQ	217.0320, 32.5050, 11.1370

Conversions

Conversions Part 2

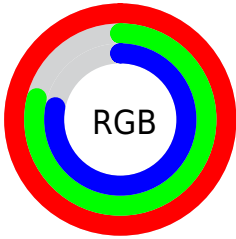
Format	Color
R_{YB}	255, 201, 200
Decimal	16763336
CIE _{Lab}	85.61, 19.00, 7.83
CIE _{LCh}	86, 20.547, 22.406
Yxy	67.2034, 0.3564, 0.3302
Android (android.graphics.Color)	4294953416 (0xFFFFC9C8)
YUV	217.0320, -8.3968, 33.2979
Hunter-Lab	81.9777, 14.5154, 11.2477

Details

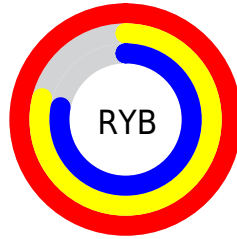
The XYZ color **72.5520, 67.2034, 63.7912** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3101, 90.3802, 107.9782**, and the grayscale version is **66.0168, 69.4548, 75.6363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6480, 34.8131, 31.8768** is the 20% darker color. If you saturate the color by 10%, you get **64.4488, 55.3753, 47.5928**, and if you desaturate by 10%, it is **82.1064, 81.1383, 82.9271**.

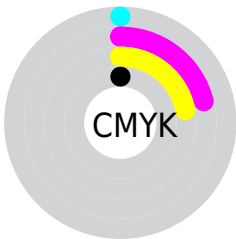
Distribution



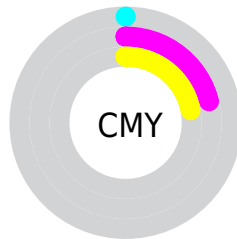
- Red (100%)
- Green (79%)
- Blue (78%)



- Red (100%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5520, 67.2034, 63.7912 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 72.5520, 67.2034, 63.7912 by changing the saturation by 10% instead.

 72.5520, 67.2034,
63.7912

 72.5520, 67.2034,
63.7912


458.5885,
450.6684, 456.6220

 53.8968, 49.2499,
46.0365


121.8476,
115.2118, 111.9067

 38.7495, 34.8178,
31.9257


153.2186,
146.0356, 143.1047

 26.7448, 23.5226,
21.0404

189.5590,
181.9182, 179.6207

 17.5172, 14.9798,
12.9620

231.2341,
223.2441, 221.8734

 10.7015, 8.8052,
7.2720

278.6093,
270.3977, 270.2814

 5.9323, 4.6144,
3.5518

332.0498,

 2.8442, 2.0228,

323.7633, 325.2631

1.3828

391.9211,
383.7255, 387.2371

■ 1.0719, 0.6207,
0.1283

■ 0.0014, 0.0000,
0.0000

■ 72.5520, 67.2034,
63.7912

■ 72.5520, 67.2034,
63.7912

■ 64.4488, 55.3753,
47.5928

■ 82.1064, 81.1383,
82.9271

■ 57.7215, 45.5432,
34.1828

■ 93.1732, 97.2660,
105.1314

■ 52.2952, 37.5997,
23.4051

95.0500, 100.0000,
108.9000

■ 48.0857, 31.4239,
15.0866

■ 44.9992, 26.8807,
9.0338

■ 42.9283, 23.8156,
5.0238

■ 41.7443, 22.0445,
2.7889

■ 41.2906, 21.3611,
1.9469

Harmonies

Analogous

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



73.2070, 67.2034, 76.6285



72.5520, 67.2034, 63.7912



69.5178, 67.2034, 54.6093

Triad

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



72.5520, 67.2034, 63.7912



57.0129, 67.2034, 58.5629



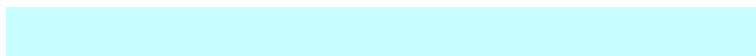
62.6941, 67.2034, 101.7766

Complementary

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



72.5520, 67.2034, 63.7912



77.3101, 90.3802, 107.9782

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.



58.5457, 67.2034, 95.5288



72.5520, 67.2034, 63.7912



55.3715, 67.2034, 69.8231

Square

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



72.5520, 67.2034, 63.7912



60.5089, 67.2034, 51.8575



55.9186, 67.2034, 83.4325



67.3633, 67.2034, 99.6509

Rectangle

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



72.5520, 67.2034, 63.7912



66.6310, 67.2034, 51.2719



55.9186, 67.2034, 83.4325



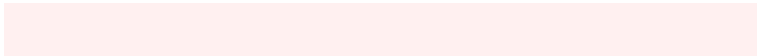
61.1957, 67.2034, 100.5622

Sweetspot

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



72.5536, 67.2063, 63.7926



88.0777, 89.8416, 94.9036



79.7973, 69.7303, 103.0895



18.6970, 19.0036, 20.0019



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.



72.5536, 67.2063, 63.7926



68.7870, 61.7096, 56.2592



79.5238, 81.1469, 66.1160



18.0360, 18.0401, 18.6758



21.5867, 11.1847, 1.0211



2.1108, 1.1069, 0.1024

Inverse Universe

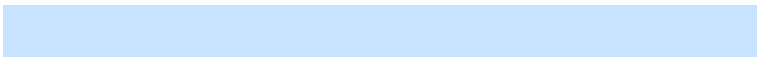
The Inverse Universe completely reimagines the original color for something new.



77.3101, 90.3802, 107.9782



74.3367, 88.7501, 107.8203



69.2252, 74.2105, 105.2832



18.5248, 20.4211, 23.2153



27.3627, 39.6350, 55.6427



2.6729, 3.8766, 5.4206

Previews

White Background



This preview shows how the XYZ color 72.5520, 67.2034, 63.7912 looks on a white background.

Color Contrast Check

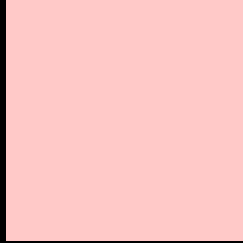
Large Text (above 18pt) WCAG AA × Fail

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 72.5520, 67.2034, 63.7912 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 72.5520, 67.2034, 63.7912

Background



This preview shows how black text looks on a background with the XYZ color 72.5520, 67.2034, 63.7912.



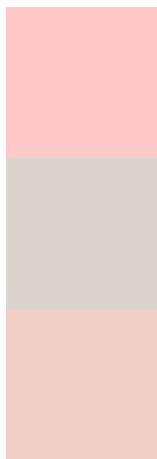
This preview shows how white text looks on a background with the XYZ color 72.5520, 67.2034,

63.7912.

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

72.5520, 67.2034, 63.7912

Protanopia

64.5719, 67.3091, 68.6201

Deuteranopia

68.8973, 67.4499, 63.4207



Tritanopia

74.0319, 67.4236, 72.7305

Trichromacy



Original Color

72.5520, 67.2034, 63.7912

Protanomaly

67.3038, 67.2842, 66.5666

Deuteranomaly

70.1462, 67.3790, 63.3412

Tritanomaly

73.4029, 67.1720, 69.4183

Monochromacy



Original Color

72.5520, 67.2034, 63.7912

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.0071, 68.2806, 71.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5520, 67.2034, 63.7912 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, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 200)  
}
```

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, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 200) }
```

Border

The CSS property to change the border of an element to XYZ 72.5520, 67.2034, 63.7912 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, 201, 200) }
```


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

```
.border{ border-color:rgb(255, 201, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 201, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5520, 67.2034, 63.7912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 200) }
```

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

```
.background{ background-color: rgb(255,  
201, 200) }
```

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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