

Converting Colors

XYZ(76.4515, 68.7649, 85.3354)

Have a look what the booklet for XYZ(76.4515, 68.7649, 85.3354) contains.

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Color

**XYZ(76.3252, 68.6703,
85.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC9E8
RGB	254, 201, 232
RGB Percent	100%, 79%, 91%
CMY	0.0039, 0.2117, 0.0902
CMYK	0.00, 0.21, 0.09, 0.00
HSL	325°, 96%, 89%
HSV	325°, 21%, 100%
XYZ	76.3252, 68.6703, 85.5759
YIQ	220.3810, 21.6370, 20.8770

Conversions

Conversions Part 2

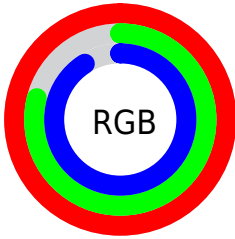
Format	Color
RYB	254, 201, 232
Decimal	16697832
CIELab	86.34, 23.62, -8.12
CIELCh	86, 24.977, 341.027
Yxy	68.6703, 0.3310, 0.2978
Android (android.graphics.Color)	4294887912 (0xFFFECE9E8)
YUV	220.3810, 5.7282, 29.4839
Hunter-Lab	82.8675, 19.3893, -3.2205

Details

The XYZ color **76.3252, 68.6703, 85.5759** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8512, 88.6308, 83.0839**, and the grayscale version is **68.2459, 71.8000, 78.1902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2961, 35.8723, 45.8218** is the 20% darker color. If you saturate the color by 10%, you get **69.4338, 57.2122, 76.1098**, and if you desaturate by 10%, it is **84.2895, 82.1285, 95.8446**.

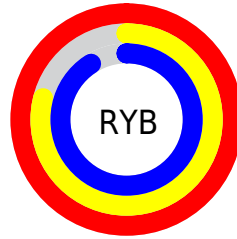
Distribution



Red (100%)

Green (79%)

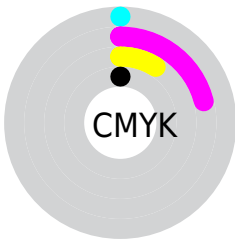
Blue (91%)



Red (100%)

Yellow (79%)

Blue (91%)

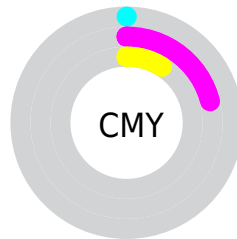


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3252, 68.6703, 85.5759 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 76.3252, 68.6703, 85.5759 by changing the saturation by 10% instead.


 76.3252, 68.6703,
85.5759

 76.3252, 68.6703,
85.5759

471.3875,
455.8673, 533.7260

 56.9972, 50.4432,
63.7645


127.1644,
117.3105, 143.0588

 41.2431, 35.7657,
46.0150

159.4063,
148.4925, 179.5674

 28.6976, 24.2533,
31.9089


196.6836,
184.7616, 221.8120

 18.9953, 15.5216,
21.0277

239.3615,
226.5022, 270.2113

 11.7709, 9.1863,
12.9528

287.8055,
274.0986, 325.1839

 6.6589, 4.8629,
7.2657

342.3810,

 3.2942, 2.1670,

327.9354, 387.1481

3.5479

403.4532,
388.3968, 456.5226

■ 1.3112, 0.7019,
1.3807

■ 0.1916, 0.0000,
0.1266

■ 76.3252, 68.6703,
85.5759

■ 76.3252, 68.6703,
85.5759

■ 69.4338, 57.2122,
76.1098

■ 84.2895, 82.1285,
95.8446

■ 63.5596, 47.6482,
67.4177

■ 93.3670, 97.6677,
106.9345

■ 58.6510, 39.8765,
59.4753

■ 94.6835, 99.8111,
108.8828

■ 54.6489, 33.7818,
52.2547

■ 51.4877, 29.2353,
45.7256

■ 49.0920, 26.0895,
39.8544

■ 47.3720, 24.1672,
34.6021

■ 46.2631, 23.2269,
30.2941

Harmonies

Analogous

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



72.8206, 68.6703, 101.3732



76.3252, 68.6703, 85.5759



76.7674, 68.6703, 68.8597

Triad

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



76.3252, 68.6703, 85.5759



63.1712, 68.6703, 47.7339



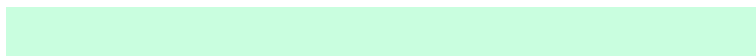
57.2572, 68.6703, 97.6099

Complementary

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



76.3252, 68.6703, 85.5759



72.8512, 88.6308, 83.0839

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.



54.9803, 68.6703, 81.0097



76.3252, 68.6703, 85.5759



58.2585, 68.6703, 53.2833

Square

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



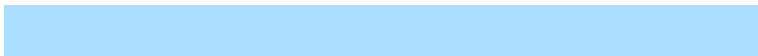
76.3252, 68.6703, 85.5759



68.9404, 68.6703, 48.5831



55.3357, 68.6703, 64.9149



61.7304, 68.6703, 108.9967

Rectangle

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



76.3252, 68.6703, 85.5759



75.2382, 68.6703, 59.5687



55.3357, 68.6703, 64.9149



56.2219, 68.6703, 92.3602

Sweetspot

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



76.3272, 68.6734, 85.5774



89.3559, 90.2213, 102.0403



68.9643, 64.4937, 102.5807



18.9985, 19.0933, 21.6849



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.



76.3272, 68.6734, 85.5774



74.0034, 64.2620, 82.2926



72.9392, 67.3182, 67.7366



18.4550, 18.1653, 21.0133



24.4654, 12.2755, 16.3674



2.4366, 1.2170, 1.8803

Inverse Universe

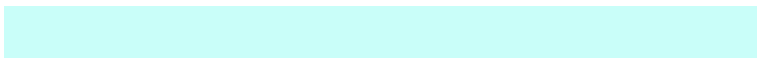
The Inverse Universe completely reimagines the original color for something new.



76.3272, 68.6734, 85.5774



74.0034, 64.2620, 82.2926



76.5836, 90.1237, 102.7380



18.4550, 18.1653, 21.0133



24.4654, 12.2755, 16.3674



2.4366, 1.2170, 1.8803

Previews

White Background



This preview shows how the XYZ color 76.3252, 68.6703, 85.5759 looks on a white background.

Color Contrast Check

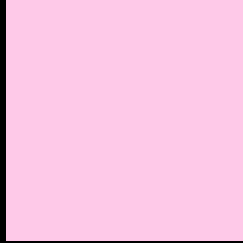
Large Text (above 18pt) WCAG AA × Fail

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 76.3252, 68.6703, 85.5759 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 76.3252, 68.6703, 85.5759

Background



This preview shows how black text looks on a background with the XYZ color 76.3252, 68.6703, 85.5759.



This preview shows how white text looks on a background with the XYZ color 76.3252, 68.6703,

85.5759.

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

76.3252, 68.6703, 85.5759

Protanopia

67.6182, 69.0979, 92.9925

Deuteranopia

70.2845, 68.7953, 84.4373



Tritanopia

74.2870, 68.5218, 76.3285

Trichromacy



Original Color

76.3252, 68.6703, 85.5759

Protanomaly

70.4741, 68.7602, 90.4466

Deuteranomaly

72.3332, 68.7459, 85.0582

Tritanomaly

75.0831, 68.5055, 79.7866

Monochromacy



Original Color

76.3252, 68.6703, 85.5759

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.5275, 70.1261, 80.3395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3252, 68.6703, 85.5759 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(254, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 232)  
}
```

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(254, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 232) }
```

Border

The CSS property to change the border of an element to XYZ 76.3252, 68.6703, 85.5759 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(254, 201, 232) }
```


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

```
.border{ border-color:rgb(254, 201, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3252, 68.6703, 85.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 232) }
```

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

```
.background{ background-color: rgb(254,  
201, 232) }
```

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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