

Converting Colors

XYZ(75.6752, 69.5827, 76.7545)

Have a look what the booklet for XYZ(75.6752, 69.5827, 76.7545) contains.

- XYZ(75.6190, 69.5602, 76.4587) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(75.6190, 69.5602,
76.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCDB
RGB	255, 204, 219
RGB Percent	100%, 80%, 86%
CMY	0.0000, 0.2000, 0.1412
CMYK	0.00, 0.20, 0.14, 0.00
HSL	342°, 100%, 90%
HSV	342°, 20%, 100%
XYZ	75.6190, 69.5602, 76.4587
YIQ	220.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

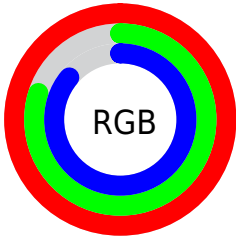
Format	Color
R _Y B	255, 204, 219
Decimal	16764123
CIE Lab	86.78, 20.29, -0.56
CIE LCh	87, 20.293, 358.421
Yxy	69.5602, 0.3412, 0.3138
Android (android.graphics.Color)	4294954203 (0xFFFFCCDB)
YUV	220.9590, -0.9658, 29.8540
Hunter-Lab	83.4028, 15.8862, 4.0284

Details

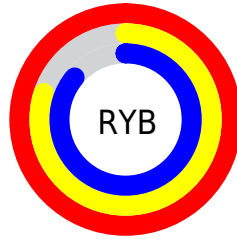
The XYZ color **75.6190, 69.5602, 76.4587** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3924, 90.6498, 95.9127**, and the grayscale version is **68.6939, 72.2714, 78.7035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8959, 36.4988, 40.0115** is the 20% darker color. If you saturate the color by 10%, you get **67.8039, 57.5196, 62.7870**, and if you desaturate by 10%, it is **84.6860, 83.6937, 91.8140**.

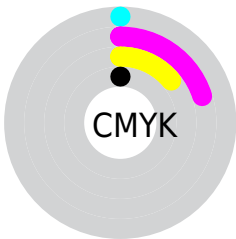
Distribution



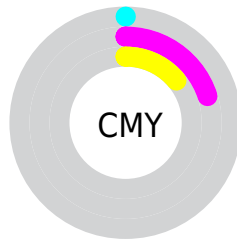
- Red (100%)
- Green (80%)
- Blue (86%)



- Red (100%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6190, 69.5602, 76.4587 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 75.6190, 69.5602, 76.4587 by changing the saturation by 10% instead.

75.6190, 69.5602,
76.4587

75.6190, 69.5602,
76.4587

469.0069,
459.0043, 502.3050

56.4161, 51.1681,
56.2998

126.1714,
118.5814, 130.1411

40.7749, 36.3424,
40.0377

158.2517,
149.9792, 164.5017

28.3302, 24.6987,
27.2540

195.3551,
186.4810, 204.4333

18.7164, 15.8528,
17.5299

237.8470,
228.4713, 250.3545

11.5683, 9.4200,
10.4471

286.0928,
276.3343, 302.6836

6.5206, 5.0161,
5.5869

340.4578,

3.2078, 2.2567,

330.4546, 361.8394

2.5309

401.3074,
391.2164, 428.2404

■ 1.2646, 0.7507,
0.8565

■ 0.1565, 0.0000,
0.0000

■ 75.6190, 69.5602,
76.4587

■ 75.6190, 69.5602,
76.4587

■ 67.8039, 57.5196,
62.7870

■ 84.6860, 83.6937,
91.8140

■ 61.1793, 47.4633,
50.7357

95.0500, 100.0000,
108.9000

■ 55.6861, 39.2863,
40.2438

■ 51.2581, 32.8704,
31.2449

■ 47.8215, 28.0837,
23.6669

■ 45.2929, 24.7757,
17.4317

■ 43.5739, 22.7672,
12.4517

■ 42.5097, 21.7680,
8.6158

■ 42.5095, 21.7678,
8.6150

Harmonies

Analogous

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



74.1608, 69.5602, 90.1988



75.6190, 69.5602, 76.4587



74.4315, 69.5602, 64.0181

Triad

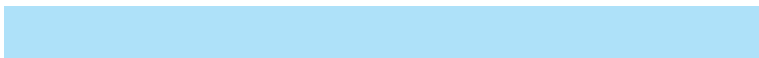
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6190, 69.5602, 76.4587



61.8844, 69.5602, 55.0827



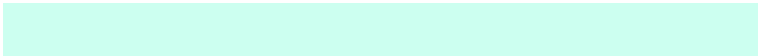
61.4703, 69.5602, 100.1387

Complementary

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



75.6190, 69.5602, 76.4587



76.3924, 90.6498, 95.9127

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.



58.4421, 69.5602, 88.8103



75.6190, 69.5602, 76.4587



58.6730, 69.5602, 62.9140

Square

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



75.6190, 69.5602, 76.4587



66.3656, 69.5602, 52.5931



57.4425, 69.5602, 75.0243



65.8648, 69.5602, 104.8402

Rectangle

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



75.6190, 69.5602, 76.4587



72.3296, 69.5602, 57.8952



57.4425, 69.5602, 75.0243



60.2667, 69.5602, 96.9179

Sweetspot

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



75.6207, 69.5632, 76.4601



88.6712, 89.9474, 98.4347



75.4784, 68.8818, 103.9251



18.8369, 19.0286, 20.8334



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

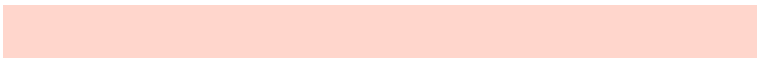
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6207, 69.5632, 76.4601



72.3453, 64.4978, 70.7891



76.2383, 73.8168, 67.3605



18.2291, 18.0749, 19.8235



22.2685, 11.3967, 4.7982



2.2135, 1.1278, 0.7058

Inverse Universe

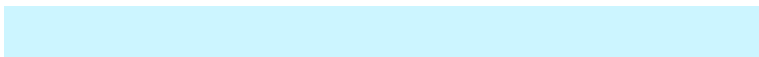
The Inverse Universe completely reimagines the original color for something new.



75.6207, 69.5632, 76.4601



72.3453, 64.4978, 70.7891



75.5458, 85.2428, 107.0796



18.2291, 18.0749, 19.8235



22.2685, 11.3967, 4.7982



2.2135, 1.1278, 0.7058

Previews

White Background



This preview shows how the XYZ color 75.6190, 69.5602, 76.4587 looks on a white background.

Color Contrast Check

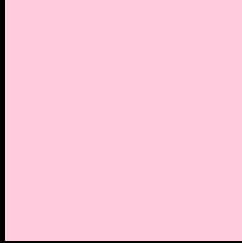
Large Text (above 18pt) WCAG AA × Fail

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 75.6190, 69.5602, 76.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

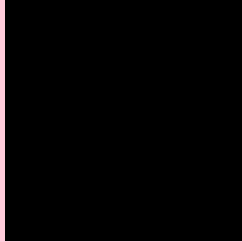
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6190, 69.5602, 76.4587

Background



This preview shows how black text looks on a background with the XYZ color 75.6190, 69.5602, 76.4587.



This preview shows how white text looks on a background with the XYZ color 75.6190, 69.5602,

76.4587.

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

75.6190, 69.5602, 76.4587

Protanopia

67.4968, 69.6628, 81.8403

Deuteranopia

71.2090, 69.8276, 76.0546



Tritanopia

75.7511, 69.6130, 77.1543

Trichromacy



Original Color

75.6190, 69.5602, 76.4587

Protanomaly

70.1415, 69.5705, 79.5436

Deuteranomaly

72.5190, 69.4068, 75.9044

Tritanomaly

75.7511, 69.6130, 77.1543

Monochromacy



Original Color

75.6190, 69.5602, 76.4587

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8230, 71.0918, 77.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6190, 69.5602, 76.4587 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, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 219)  
}
```

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, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.6190, 69.5602, 76.4587 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, 204, 219) }
```


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

```
.border{ border-color:rgb(255, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6190, 69.5602, 76.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 219) }
```

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

```
.background{ background-color: rgb(255,  
204, 219) }
```

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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