

Converting Colors

XYZ(101.9623, 85.4570,
75.4665)

Have a look what the booklet for
XYZ(101.9623, 85.4570, 75.4665)
contains.

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Color

**XYZ(76.5523, 72.2595,
74.2027)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D7
RGB	255, 210, 215
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1764, 0.1569
CMYK	0.00, 0.18, 0.16, 0.00
HSL	353°, 100%, 91%
HSV	353°, 18%, 100%
XYZ	76.5523, 72.2595, 74.2027
YIQ	224.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

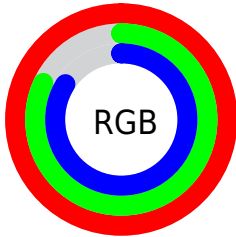
Format	Color
R_{YB}	255, 210, 215
Decimal	16765655
CIE _{Lab}	88.09, 16.53, 3.47
CIE _{LCh}	88, 16.886, 11.858
Yxy	72.2595, 0.3433, 0.3240
Android (android.graphics.Color)	4294955735 (0xFFFFD2D7)
YUV	224.0250, -4.4493, 27.1651
Hunter-Lab	85.0056, 11.9895, 7.7487

Details

The XYZ color **76.5523, 72.2595, 74.2027** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5962, 92.1250, 104.0331**, and the grayscale version is **70.8891, 74.5809, 81.2186**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3552, 37.9865, 38.4102** is the 20% darker color. If you saturate the color by 10%, you get **68.0372, 59.5722, 57.9752**, and if you desaturate by 10%, it is **86.4777, 87.1206, 92.8934**.

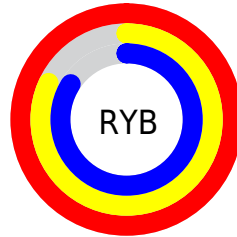
Distribution



Red (100%)

Green (82%)

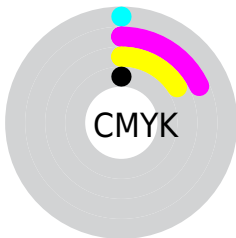
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

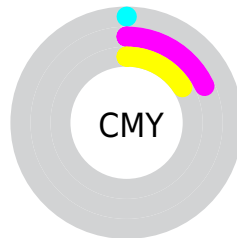


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5523, 72.2595, 74.2027 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 76.5523, 72.2595, 74.2027 by changing the saturation by 10% instead.


 76.5523, 72.2595,
74.2027

 76.5523, 72.2595,
74.2027


472.1516,
468.4443, 494.3548

 57.1841, 53.3707,
54.4622

127.4835,
122.4254, 126.9198

 41.3938, 38.0988,
38.5756


159.7773,
154.4713, 160.7335

 28.8160, 26.0594,
26.1244


197.1103,
191.6716, 200.0752

 19.0852, 16.8681,
16.6902

239.8479,
234.4108, 245.3636

 11.8362, 10.1405,
9.8542

288.3555,
283.0733, 297.0173

 6.7037, 5.4922,
5.1981

342.9984,

 3.3222, 2.5388,

338.0435, 355.4546

2.3032

404.1420,
399.7057, 421.0943

■ 1.3263, 0.8960,
0.7330

■ 0.2028, 0.0000,
0.0000

■ 76.5523, 72.2595,
74.2027

■ 76.5523, 72.2595,
74.2027

■ 68.0372, 59.5722,
57.9752

■ 86.4777, 87.1206,
92.8934

■ 60.8631, 48.9480,
44.1036

95.0500, 100.0000,
108.9000

■ 54.9630, 40.2804,
32.4795

■ 50.2619, 33.4499,
22.9843

■ 46.6769, 28.3237,
15.4881

■ 44.1143, 24.7512,
9.8471

■ 42.4649, 22.5553,
5.8978

■ 41.5889, 21.5039,
3.4457

■ 41.4533, 21.3453,
3.0534

Harmonies

Analogous

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



76.3160, 72.2595, 85.7980



76.5523, 72.2595, 74.2027



74.6194, 72.2595, 64.7703

Triad

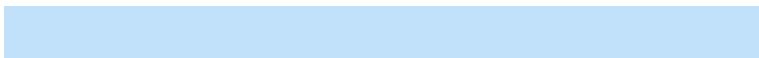
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5523, 72.2595, 74.2027



63.6350, 72.2595, 63.2698



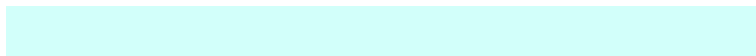
66.2941, 72.2595, 101.7252

Complementary

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



76.5523, 72.2595, 74.2027



79.5962, 92.1250, 104.0331

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.



63.0654, 72.2595, 94.4470



76.5523, 72.2595, 74.2027



61.5720, 72.2595, 71.9638

Square

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



76.5523, 72.2595, 74.2027



67.0994, 72.2595, 58.8842



61.3677, 72.2595, 83.3304



70.2862, 72.2595, 102.4749

Rectangle

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



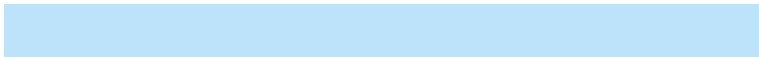
76.5523, 72.2595, 74.2027



72.4032, 72.2595, 60.6756



61.3677, 72.2595, 83.3304



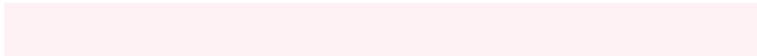
65.0876, 72.2595, 99.9303

Sweetspot

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



76.5541, 72.2626, 74.2042



89.3450, 91.4245, 98.2596



80.4332, 73.5942, 104.5736



18.9583, 19.3205, 20.7227



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

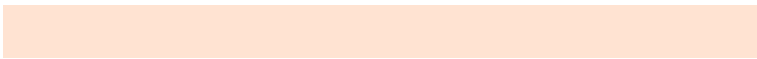
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5541, 72.2626, 74.2042



73.5426, 67.7678, 68.4895



80.4122, 80.9906, 72.3714



18.0913, 18.0199, 19.0982



21.6863, 11.1638, 1.7327



2.1369, 1.0971, 0.3024

Inverse Universe

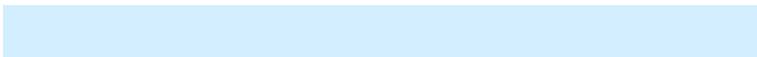
The Inverse Universe completely reimagines the original color for something new.



76.5541, 72.2626, 74.2042



73.5426, 67.7678, 68.4895



75.1326, 81.9275, 106.4614



18.0913, 18.0199, 19.0982



21.6863, 11.1638, 1.7327



2.1369, 1.0971, 0.3024

Previews

White Background



This preview shows how the XYZ color 76.5523, 72.2595, 74.2027 looks on a white background.

Color Contrast Check

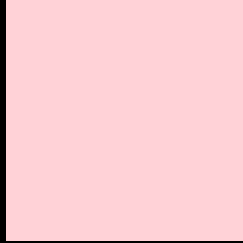
Large Text (above 18pt) WCAG AA × Fail

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 76.5523, 72.2595, 74.2027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

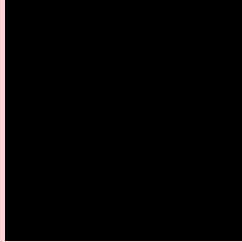
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5523, 72.2595, 74.2027

Background



This preview shows how black text looks on a background with the XYZ color 76.5523, 72.2595, 74.2027.



This preview shows how white text looks on a background with the XYZ color 76.5523, 72.2595,

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

76.5523, 72.2595, 74.2027

Protanopia

69.6957, 72.4144, 78.7106

Deuteranopia

73.8404, 72.3607, 73.6935



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

76.5523, 72.2595, 74.2027

Protanomaly

71.9341, 72.0591, 77.1353

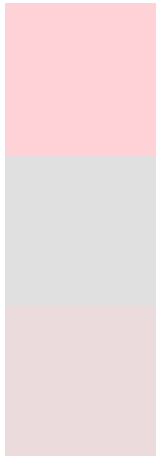
Deuteranomaly

74.9988, 72.5833, 73.6754

Tritanomaly

77.0916, 72.0814, 78.2565

Monochromacy



Original Color

76.5523, 72.2595, 74.2027

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6436, 73.5457, 78.7736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5523, 72.2595, 74.2027 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, 210, 215) looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 215)  
}
```

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, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.5523, 72.2595, 74.2027 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, 210, 215) }
```


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

```
.border{ border-color:rgb(255, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5523, 72.2595, 74.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 215) }
```

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

```
.background{ background-color: rgb(255,  
210, 215) }
```

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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