

Converting Colors

XYZ(97.5231, 85.8452, 66.5317)

Have a look what the booklet for
XYZ(97.5231, 85.8452, 66.5317)
contains.

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Color

**XYZ(76.5955, 75.1028,
65.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C9
RGB	255, 217, 201
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1490, 0.2118
CMYK	0.00, 0.15, 0.21, 0.00
HSL	18°, 100%, 89%
HSV	18°, 21%, 100%
XYZ	76.5955, 75.1028, 65.7176
YIQ	226.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

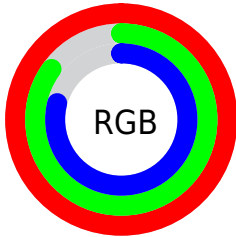
Format	Color
R _Y B	255, 224, 201
Decimal	16767433
CIE Lab	89.44, 10.80, 12.78
CIE LCh	89, 16.731, 49.780
Yxy	75.1028, 0.3523, 0.3454
Android (android.graphics.Color)	4294957513 (0xFFFFD9C9)
YUV	226.5380, -12.5902, 24.9612
Hunter-Lab	86.6619, 6.1077, 15.7024

Details

The XYZ color **76.5955, 75.1028, 65.7176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0030, 81.3680, 106.4657**, and the grayscale version is **72.7541, 76.5430, 83.3554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4755, 39.9530, 33.1295** is the 20% darker color. If you saturate the color by 10%, you get **69.4655, 65.2513, 49.7498**, and if you desaturate by 10%, it is **84.7300, 86.1656, 84.4788**.

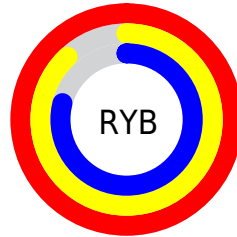
Distribution



Red (100%)

Green (85%)

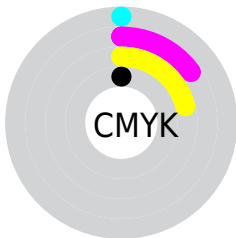
Blue (79%)



Red (100%)

Yellow (88%)

Blue (79%)

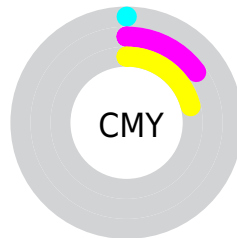


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5955, 75.1028, 65.7176 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 76.5955, 75.1028, 65.7176 by changing the saturation by 10% instead.


 76.5955, 75.1028,
65.7176

 76.5955, 75.1028,
65.7176


472.2969,
478.2708, 463.7429

 57.2197, 55.6971,
47.5882


127.5442,
126.4579, 114.7041

 41.4225, 39.9601,
33.1432


159.8478,
159.1760, 146.3981

 28.8385, 27.5075,
21.9641


197.1915,
197.1005, 183.4509

 19.1023, 17.9547,
13.6325

239.9404,
240.6156, 226.2808

 11.8487, 10.9175,
7.7297

288.4601,
290.1058, 275.3064

 6.7122, 6.0114,
3.8372

343.1158,

 3.3275, 2.8520,

345.9555, 330.9462

1.5365

404.2730,
408.5490, 393.6189

■ 1.3292, 1.0550,
0.2449

■ 0.2049, 0.0000,
0.0000

■ 76.5955, 75.1028,
65.7176

■ 76.5955, 75.1028,
65.7176

■ 69.4655, 65.2513,
49.7498

■ 84.7300, 86.1656,
84.4788

■ 63.2939, 56.5596,
36.4360

■ 93.9016, 98.4697,
106.1542

■ 58.0391, 48.9864,
25.6319

95.0500, 100.0000,
108.9000

■ 53.6541, 42.4846,
17.1773

■ 50.0870, 37.0031,
10.8933

■ 47.2801, 32.4864,
6.5751

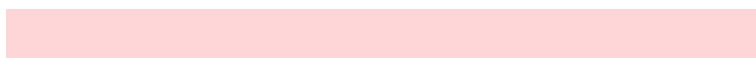
■ 45.1661, 28.8727,
3.9771

■ 43.7956, 26.3712,
2.7819

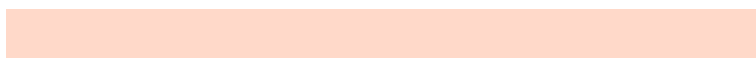
Harmonies

Analogous

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



79.0613, 75.1028, 74.3692



76.5955, 75.1028, 65.7176



72.7909, 75.1028, 61.5064

Triad

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



76.5955, 75.1028, 65.7176



63.9022, 75.1028, 77.8333



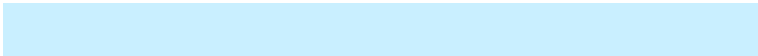
74.0842, 75.1028, 104.9129

Complementary

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



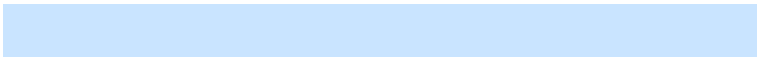
76.5955, 75.1028, 65.7176



73.0030, 81.3680, 106.4657

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.



69.9933, 75.1028, 106.0670



76.5955, 75.1028, 65.7176



64.2186, 75.1028, 89.6551

Square

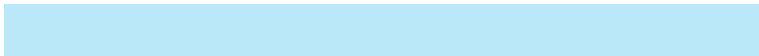
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5955, 75.1028, 65.7176



65.5310, 75.1028, 68.0444



66.4124, 75.1028, 100.2538



77.5734, 75.1028, 97.2368

Rectangle

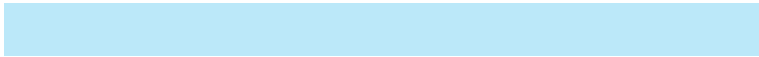
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5955, 75.1028, 65.7176



70.0522, 75.1028, 61.4815



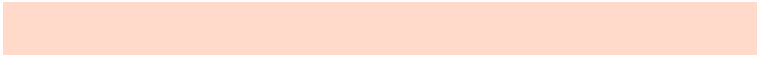
66.4124, 75.1028, 100.2538



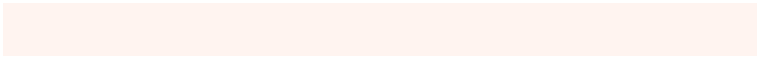
72.7305, 75.1028, 106.1028

Sweetspot

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



76.5973, 75.1061, 65.7192



89.3450, 92.3762, 95.3260



77.8107, 69.3075, 91.4816



18.9955, 19.6006, 20.1014



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.



76.5973, 75.1061, 65.7192



73.7539, 71.1974, 59.2898



83.9234, 89.7582, 68.1612



18.4481, 18.8644, 18.8132



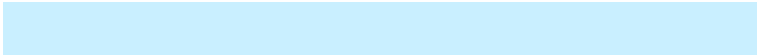
22.9964, 14.0040, 1.4910



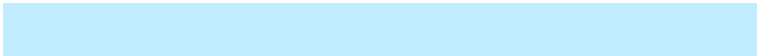
2.3292, 1.5438, 0.1752

Inverse Universe

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



73.0030, 81.3680, 106.4657



69.6245, 78.3802, 106.0670



65.8570, 67.0761, 104.0837



18.0736, 19.5188, 23.0649



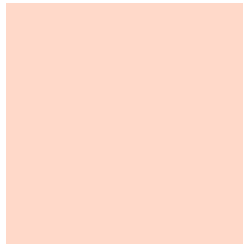
18.0349, 20.9794, 52.5335



1.8512, 2.2331, 5.1467

Previews

White Background



This preview shows how the XYZ color 76.5955, 75.1028, 65.7176 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 76.5955, 75.1028, 65.7176 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 76.5955, 75.1028, 65.7176

Background



This preview shows how black text looks on a background with the XYZ color 76.5955, 75.1028, 65.7176.



This preview shows how white text looks on a background with the XYZ color 76.5955, 75.1028,

65.7176.

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

76.5955, 75.1028, 65.7176

Protanopia

71.6068, 75.2115, 68.5008

Deuteranopia

76.5955, 75.1028, 65.7176



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

76.5955, 75.1028, 65.7176

Protanomaly

73.3735, 74.9498, 67.7263

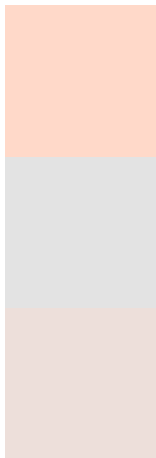
Deuteranomaly

76.5955, 75.1028, 65.7176

Tritanomaly

78.3266, 74.9754, 77.3613

Monochromacy



Original Color

76.5955, 75.1028, 65.7176

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9676, 75.8418, 77.0701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5955, 75.1028, 65.7176 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, 217, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 201)  
}
```

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, 217, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 201) }
```

Border

The CSS property to change the border of an element to XYZ 76.5955, 75.1028, 65.7176 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, 217, 201) }
```


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

```
.border{ border-color:rgb(255, 217, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5955, 75.1028, 65.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 201) }
```

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

```
.background{ background-color: rgb(255,  
217, 201) }
```

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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