

Converting Colors

XYZ(76.1110, 71.7284, 72.9717)

Have a look what the booklet for
XYZ(76.1110, 71.7284, 72.9717)
contains.

XYZ(76.0507, 71.6650, 72.7752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.0507, 71.6650,
72.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D5
RGB	255, 209, 213
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1804, 0.1647
CMYK	0.00, 0.18, 0.16, 0.00
HSL	355°, 100%, 91%
HSV	355°, 18%, 100%
XYZ	76.0507, 71.6650, 72.7752
YIQ	223.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

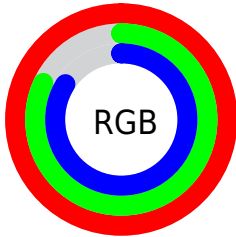
Format	Color
R _Y B	255, 209, 213
Decimal	16765397
CIE Lab	87.81, 16.74, 4.11
CIE LCh	88, 17.239, 13.800
Yxy	71.6650, 0.3449, 0.3250
Android (android.graphics.Color)	4294955477 (0xFFFFD1D5)
YUV	223.2100, -5.0335, 27.8798
Hunter-Lab	84.6552, 12.2104, 8.2890

Details

The XYZ color **76.0507, 71.6650, 72.7752** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4695, 92.0415, 104.8479**, and the grayscale version is **70.3116, 73.9733, 80.5569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0159, 37.5856, 37.4407** is the 20% darker color. If you saturate the color by 10%, you get **67.5414, 59.0414, 56.3893**, and if you desaturate by 10%, it is **85.9891, 86.4670, 91.7329**.

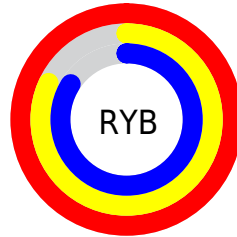
Distribution



Red (100%)

Green (82%)

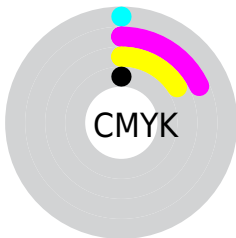
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

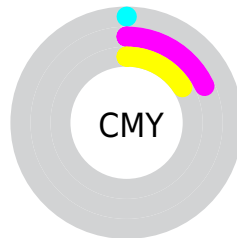


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0507, 71.6650, 72.7752 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 76.0507, 71.6650, 72.7752 by changing the saturation by 10% instead.


 76.0507, 71.6650,
72.7752

 76.0507, 71.6650,
72.7752

470.4630,
466.3747, 489.2852

 56.7713, 52.8851,
53.3015


126.7785,
121.5801, 124.8760

 41.0611, 37.7110,
37.6541


158.9577,
153.4841, 158.3401

 28.5547, 25.7585,
25.4146


196.1674,
190.5316, 197.3048

 18.8868, 16.6430,
16.1644

238.7732,
233.1069, 242.1885

 11.6920, 9.9803,
9.4849

287.1402,
281.5945, 293.4099

 6.6050, 5.3859,
4.9577

341.6340,

 3.2605, 2.4754,

336.3787, 351.3875

2.1642

402.6198,
397.8440, 416.5397

■ 1.2930, 0.8643,
0.6536

■ 0.1779, 0.0000,
0.0000

■ 76.0507, 71.6650,
72.7752

■ 76.0507, 71.6650,
72.7752

■ 67.5414, 59.0414,
56.3893

■ 85.9891, 86.4670,
91.7329

■ 60.3905, 48.4848,
42.4599

95.0500, 100.0000,
108.9000

■ 54.5291, 39.8877,
30.8701

■ 49.8801, 33.1294,
21.4910

■ 46.3582, 28.0756,
14.1819

■ 43.8668, 24.5739,
8.7854

■ 42.2931, 22.4447,
5.1216

■ 41.4890, 21.4465,
2.9730

■ 41.3863, 21.3185,
2.7003

Harmonies

Analogous

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



75.9589, 71.6650, 84.4920



76.0507, 71.6650, 72.7752



73.9572, 71.6650, 63.4422

Triad

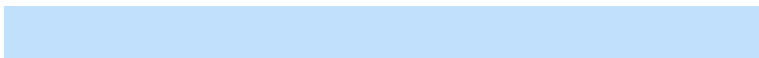
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0507, 71.6650, 72.7752



62.8102, 71.6650, 62.8624



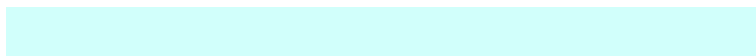
65.9425, 71.6650, 101.7476

Complementary

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



76.0507, 71.6650, 72.7752



79.4695, 92.0415, 104.8479

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.



62.5897, 71.6650, 94.7006



76.0507, 71.6650, 72.7752



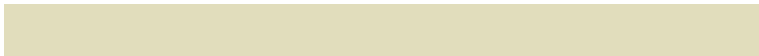
60.8314, 71.6650, 71.9081

Square

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



76.0507, 71.6650, 72.7752



66.2546, 71.6650, 58.1188



60.7523, 71.6650, 83.5339



70.0107, 71.6650, 102.0395

Rectangle

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



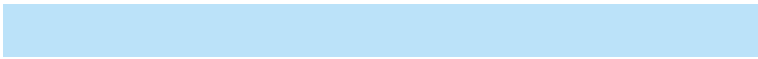
76.0507, 71.6650, 72.7752



71.6508, 71.6650, 59.4981



60.7523, 71.6650, 83.5339



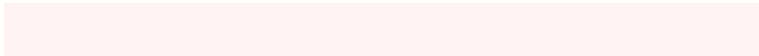
64.6983, 71.6650, 100.0607

Sweetspot

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



76.0524, 71.6681, 72.7767



89.2983, 91.4059, 98.0140



80.4200, 73.2220, 104.5024



18.9470, 19.3160, 20.6632



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

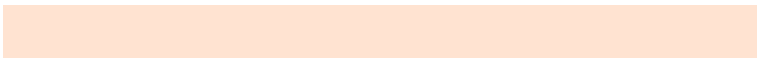
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0524, 71.6681, 72.7767



72.5123, 66.4096, 65.9808



80.3290, 81.0230, 71.7308



18.0734, 18.0127, 19.0038



21.6470, 11.1481, 1.5255



2.1285, 1.0938, 0.2580

Inverse Universe

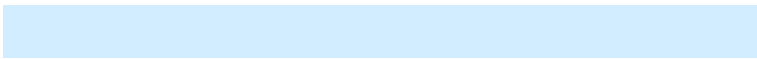
The Inverse Universe completely reimagines the original color for something new.



76.0524, 71.6681, 72.7767



72.5123, 66.4096, 65.9808



74.5154, 81.1146, 106.3370



18.0734, 18.0127, 19.0038



21.6470, 11.1481, 1.5255



2.1285, 1.0938, 0.2580

Previews

White Background



This preview shows how the XYZ color 76.0507, 71.6650, 72.7752 looks on a white background.

Color Contrast Check

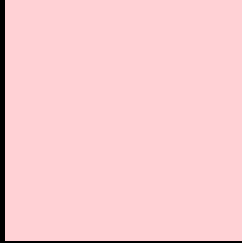
Large Text (above 18pt) WCAG AA × Fail

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 76.0507, 71.6650, 72.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

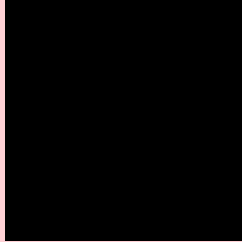
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0507, 71.6650, 72.7752

Background



This preview shows how black text looks on a background with the XYZ color 76.0507, 71.6650, 72.7752.



This preview shows how white text looks on a background with the XYZ color 76.0507, 71.6650,

72.7752.

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

76.0507, 71.6650, 72.7752

Protanopia

69.1690, 71.7851, 77.2281

Deuteranopia

73.3341, 71.7544, 72.2722



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

76.0507, 71.6650, 72.7752

Protanomaly

71.4169, 71.4435, 75.6715

Deuteranomaly

74.4941, 71.9802, 72.2547

Tritanomaly

76.5821, 71.4862, 76.7797

Monochromacy



Original Color

76.0507, 71.6650, 72.7752

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1185, 72.9194, 77.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0507, 71.6650, 72.7752 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, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 213)  
}
```

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, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.0507, 71.6650, 72.7752 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, 209, 213) }
```


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

```
.border{ border-color:rgb(255, 209, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0507, 71.6650, 72.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 213) }
```

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

```
.background{ background-color: rgb(255,  
209, 213) }
```

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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