

Converting Colors

XYZ(77.2049, 72.5205, 77.6389)

Have a look what the booklet for
XYZ(77.2049, 72.5205, 77.6389)
contains.

XYZ(77.2049, 72.5205, 77.6389)	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(77.2049, 72.5205,
77.6389)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2DC
RGB	255, 210, 220
RGB Percent	100%, 82%, 86%
CMY	0.0000, 0.1764, 0.1372
CMYK	0.00, 0.18, 0.14, 0.00
HSL	347°, 100%, 91%
HSV	347°, 18%, 100%
XYZ	77.2049, 72.5205, 77.6389
YIQ	224.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

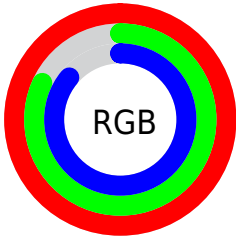
Format	Color
R _{YB}	255, 210, 220
Decimal	16765660
CIE Lab	88.22, 17.30, 1.01
CIE LCh	88, 17.334, 3.339
Yxy	72.5205, 0.3396, 0.3190
Android (android.graphics.Color)	4294955740 (0xFFFFD2DC)
YUV	224.5950, -2.2653, 26.6652
Hunter-Lab	85.1590, 12.7994, 5.5570

Details

The XYZ color **77.2049, 72.5205, 77.6389** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8222, 91.8154, 99.9576**, and the grayscale version is **71.2827, 74.9950, 81.6695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8016, 38.1651, 40.7607** is the 20% darker color. If you saturate the color by 10%, you get **68.9306, 59.9295, 62.6801**, and if you desaturate by 10%, it is **86.7973, 87.2484, 94.5768**.

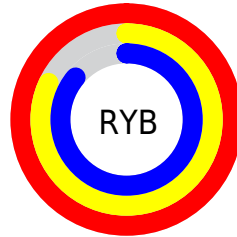
Distribution



Red (100%)

Green (82%)

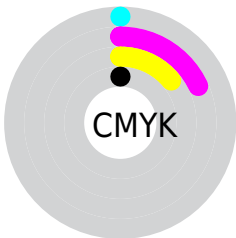
Blue (86%)



Red (100%)

Yellow (82%)

Blue (86%)

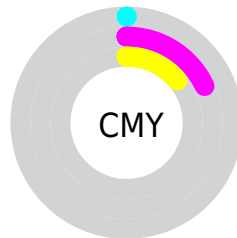


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2049, 72.5205, 77.6389 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 77.2049, 72.5205, 77.6389 by changing the saturation by 10% instead.

77.2049, 72.5205,
77.6389

77.2049, 72.5205,
77.6389

474.3436,
469.3513, 506.4350

57.7216, 53.5840,
57.2627

128.4000,
122.7963, 131.8222

41.8272, 38.2692,
40.8054

160.8425,
154.9043, 166.4664

29.1566, 26.1917,
27.8485

198.3353,
192.1716, 206.7036

19.3442, 16.9671,
17.9735

241.2440,
234.9826, 252.9525

12.0247, 10.2110,
10.7617

289.9338,
283.7216, 305.6316

6.8328, 5.5391,
5.7947

344.7701,

3.4032, 2.5669,

338.7732, 365.1593

2.6539

406.1182,
400.5216, 431.9543

■ 1.3704, 0.9101,
0.9201

■ 0.2350, 0.0000,
0.0000

■ 77.2049, 72.5205,
77.6389

■ 77.2049, 72.5205,
77.6389

■ 68.9306, 59.9295,
62.6801

■ 86.7973, 87.2484,
94.5768

■ 61.9112, 49.3672,
49.6229

95.0500, 100.0000,
108.9000

■ 56.0856, 40.7294,
38.3912

■ 51.3857, 33.8994,
28.9021

■ 47.7361, 28.7474,
21.0660

■ 45.0519, 25.1263,
14.7849

■ 43.2343, 22.8630,
9.9495

■ 42.1562, 21.7308,
6.4328

■ 41.9698, 21.5519,
5.7730

Harmonies

Analogous

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



76.3080, 72.5205, 89.6664



77.2049, 72.5205, 77.6389



75.8117, 72.5205, 67.0575

Triad

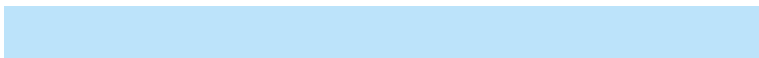
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2049, 72.5205, 77.6389



64.6356, 72.5205, 61.3688



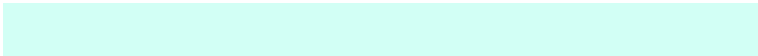
65.4099, 72.5205, 101.1956

Complementary

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



77.2049, 72.5205, 77.6389



78.8222, 91.8154, 99.9576

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.



62.4751, 72.5205, 92.1992



77.2049, 72.5205, 77.6389



62.0409, 72.5205, 69.1463

Square

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



77.2049, 72.5205, 77.6389



68.4648, 72.5205, 58.2761



61.2659, 72.5205, 80.3011



69.3944, 72.5205, 104.0427

Rectangle

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



77.2049, 72.5205, 77.6389



73.8033, 72.5205, 62.0133



61.2659, 72.5205, 80.3011



64.2733, 72.5205, 98.7488

Sweetspot

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



77.2066, 72.5236, 77.6404



89.5606, 91.5108, 99.3952



78.5805, 72.6391, 104.4868



19.0105, 19.3414, 20.9976



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

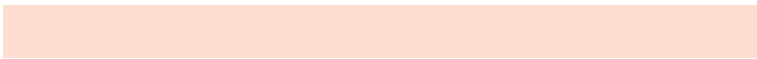
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2066, 72.5236, 77.6404



74.2859, 68.0651, 72.4040



78.9961, 78.1584, 71.8992



18.1746, 18.0531, 19.5364



21.9755, 11.2795, 3.2553



2.1785, 1.1138, 0.5214

Inverse Universe

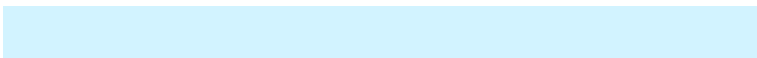
The Inverse Universe completely reimagines the original color for something new.



77.2066, 72.5236, 77.6404



74.2859, 68.0651, 72.4040



76.6811, 85.0247, 106.9776



18.1746, 18.0531, 19.5364



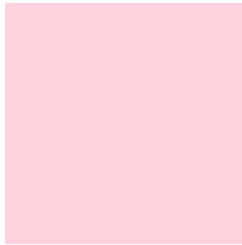
21.9755, 11.2795, 3.2553



2.1785, 1.1138, 0.5214

Previews

White Background



This preview shows how the XYZ color 77.2049, 72.5205, 77.6389 looks on a white background.

Color Contrast Check

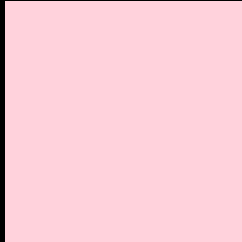
Large Text (above 18pt) WCAG AA × Fail

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 77.2049, 72.5205, 77.6389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

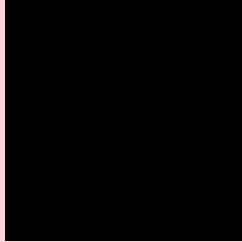
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2049, 72.5205, 77.6389

Background



This preview shows how black text looks on a background with the XYZ color 77.2049, 72.5205, 77.6389.



This preview shows how white text looks on a background with the XYZ color 77.2049, 72.5205,

77.6389.

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

77.2049, 72.5205, 77.6389

Protanopia

70.0611, 72.5247, 82.2576

Deuteranopia

74.1410, 72.4407, 77.0926



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

77.2049, 72.5205, 77.6389

Protanomaly

72.2714, 72.1557, 80.6393

Deuteranomaly

75.2918, 72.6594, 77.0742

Tritanomaly

77.3597, 72.1886, 79.6685

Monochromacy



Original Color

77.2049, 72.5205, 77.6389

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.5046, 74.3470, 80.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2049, 72.5205, 77.6389 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, 220) looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 77.2049, 72.5205, 77.6389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

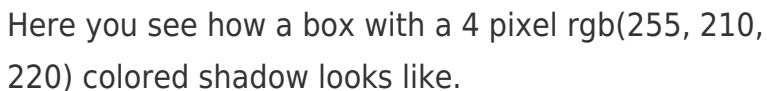
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 220) }
```


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

```
.border{ border-color:rgb(255, 210, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 220); box-shadow:4px 4px 4px 4px rgb(255, 210, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2049, 72.5205, 77.6389 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
210, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor