

Converting Colors

XYZ(87.4477, 76.3035, 92.7962)

Have a look what the booklet for
XYZ(87.4477, 76.3035, 92.7962)
contains.

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Color

**XYZ(79.2810, 72.1769,
92.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFF0
RGB	255, 207, 240
RGB Percent	100%, 81%, 94%
CMY	0.0000, 0.1882, 0.0588
CMYK	0.00, 0.19, 0.06, 0.00
HSL	319°, 100%, 91%
HSV	319°, 19%, 100%
XYZ	79.2810, 72.1769, 92.1911
YIQ	225.1140, 18.0150, 20.4390

Conversions

Conversions Part 2

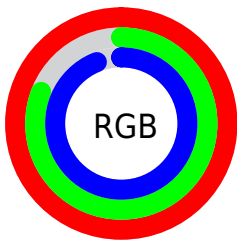
Format	Color
R _Y B	255, 207, 240
Decimal	16764912
CIE Lab	88.05, 22.16, -9.81
CIE LCh	88, 24.232, 336.132
Yxy	72.1769, 0.3254, 0.2962
Android (android.graphics.Color)	4294954992 (0xFFFFCFF0)
YUV	225.1140, 7.3388, 26.2100
Hunter-Lab	84.9570, 17.8997, -4.8687

Details

The XYZ color **79.2810, 72.1769, 92.1911** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6792, 90.0604, 82.5578**, and the grayscale version is **71.5913, 75.3196, 82.0231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1687, 37.9229, 50.3920** is the 20% darker color. If you saturate the color by 10%, you get **72.4370, 60.3419, 84.1974**, and if you desaturate by 10%, it is **87.1779, 86.0339, 100.7943**.

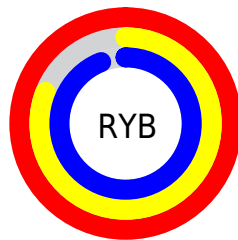
Distribution



Red (100%)

Green (81%)

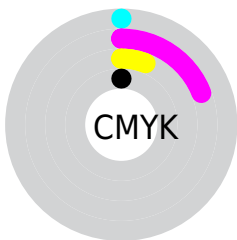
Blue (94%)



Red (100%)

Yellow (81%)

Blue (94%)

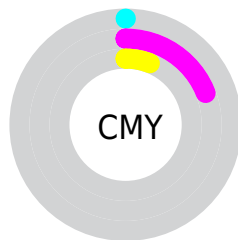


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2810, 72.1769, 92.1911 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 79.2810, 72.1769, 92.1911 by changing the saturation by 10% instead.

 79.2810, 72.1769,
92.1911

 79.2810, 72.1769,
92.1911


481.2800,
468.1571, 555.8859

 59.4333, 53.3032,
69.2154


131.3102,
122.3080, 152.3402

 43.2097, 38.0449,
50.4143


164.2225,
154.3342, 190.3508

 30.2449, 26.0175,
35.3692

202.2202,
191.5133, 234.2100

 20.1736, 16.8367,
23.6616

245.6689,
234.2298, 284.3365

 12.6303, 10.1182,
14.8729

294.9339,
282.8680, 341.1488

 7.2497, 5.4774,
8.5846

350.3805,

 3.6665, 2.5300,

337.8124, 405.0655

4.3782

412.3741,
399.4473, 476.5050

■ 1.5152, 0.8916,
1.8350

■ 0.3362, 0.0000,
0.4509

■ 79.2810, 72.1769,
92.1911

■ 79.2810, 72.1769,
92.1911

■ 72.4370, 60.3419,
84.1974

■ 87.1779, 86.0339,
100.7943

■ 66.5926, 50.4242,
76.7891

95.0500, 100.0000,
108.9000

■ 61.6970, 42.3229,
69.9471

■ 57.6928, 35.9246,
63.6489

■ 54.5162, 31.1027,
57.8696

■ 52.0947, 27.7130,
52.5816

■ 50.3420, 25.5846,
47.7526

■ 49.1338, 24.4697,
43.3374

■ 49.0084, 24.3673,
42.8377

Harmonies

Analogous

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



75.3695, 72.1769, 107.2162



79.2810, 72.1769, 92.1911



80.2622, 72.1769, 75.2358

Triad

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



79.2810, 72.1769, 92.1911



67.4211, 72.1769, 50.9875



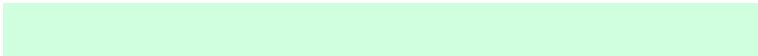
60.0075, 72.1769, 98.9006

Complementary

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



79.2810, 72.1769, 92.1911



74.6792, 90.0604, 82.5578

Split Complementary

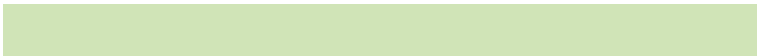
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.1295, 72.1769, 82.0391



79.2810, 72.1769, 92.1911



62.2522, 72.1769, 55.5722

Square

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



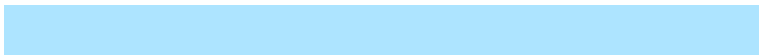
79.2810, 72.1769, 92.1911



73.2004, 72.1769, 52.9159



58.9277, 72.1769, 66.3942



64.2003, 72.1769, 111.4549

Rectangle

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



79.2810, 72.1769, 92.1911



79.0768, 72.1769, 65.3806



58.9277, 72.1769, 66.3942



59.0956, 72.1769, 93.4649

Sweetspot

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



79.2826, 72.1798, 92.1926



89.6015, 90.3195, 103.3332



70.3062, 67.2841, 103.8893



19.0566, 19.1165, 21.9908



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.



79.2826, 72.1798, 92.1926



76.2970, 66.9932, 88.7789



76.0273, 70.8777, 75.0501



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7543



2.5495, 1.2622, 2.4752

Inverse Universe

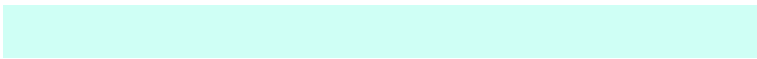
The Inverse Universe completely reimagines the original color for something new.



79.2826, 72.1798, 92.1926



76.2970, 66.9932, 88.7789



78.0365, 91.4033, 100.2373



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7543



2.5495, 1.2622, 2.4752

Previews

White Background



This preview shows how the XYZ color 79.2810, 72.1769, 92.1911 looks on a white background.

Color Contrast Check

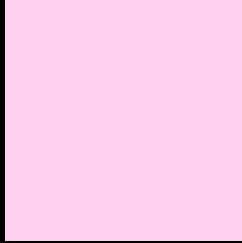
Large Text (above 18pt) WCAG AA × Fail

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 79.2810, 72.1769, 92.1911 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 79.2810, 72.1769, 92.1911

Background



This preview shows how black text looks on a background with the XYZ color 79.2810, 72.1769, 92.1911.



This preview shows how white text looks on a background with the XYZ color 79.2810, 72.1769,

92.1911.

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

79.2810, 72.1769, 92.1911

Protanopia

71.1517, 72.7154, 99.0923

Deuteranopia

74.1414, 72.4950, 91.7466



Tritanopia

77.0359, 71.9746, 81.7838

Trichromacy



Original Color

79.2810, 72.1769, 92.1911

Protanomaly

73.7369, 72.1824, 96.4324

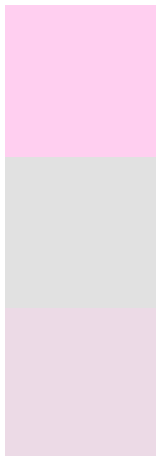
Deuteranomaly

75.7414, 72.1962, 91.6046

Tritanomaly

77.8527, 71.9521, 85.3862

Monochromacy



Original Color

79.2810, 72.1769, 92.1911

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9464, 73.6888, 85.1889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2810, 72.1769, 92.1911 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, 207, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 240)  
}
```

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, 207, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.2810, 72.1769, 92.1911 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, 207, 240) }
```


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

```
.border{ border-color:rgb(255, 207, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2810, 72.1769, 92.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 240) }
```

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

```
.background{ background-color: rgb(255,  
207, 240) }
```

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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