

Converting Colors

XYZ(85.7378, 76.6726, 86.3732)

Have a look what the booklet for
XYZ(85.7378, 76.6726, 86.3732)
contains.

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Color

**XYZ(78.8521, 73.1794,
86.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E8
RGB	255, 210, 232
RGB Percent	100%, 82%, 91%
CMY	0.0000, 0.1764, 0.0902
CMYK	0.00, 0.18, 0.09, 0.00
HSL	331°, 100%, 91%
HSV	331°, 18%, 100%
XYZ	78.8521, 73.1794, 86.3130
YIQ	225.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

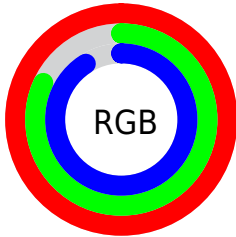
Format	Color
R_{YB}	255, 210, 232
Decimal	16765672
CIE _{Lab}	88.53, 19.24, -4.87
CIE _{LCh}	89, 19.849, 345.802
Yxy	73.1794, 0.3308, 0.3070
Android (android.graphics.Color)	4294955752 (0xFFFFD2E8)
YUV	225.9630, 2.9762, 25.4654
Hunter-Lab	85.5450, 14.8309, 0.0592

Details

The XYZ color **78.8521, 73.1794, 86.3130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0487, 91.1060, 90.6186**, and the grayscale version is **72.2327, 75.9944, 82.7579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8465, 38.5830, 46.2633** is the 20% darker color. If you saturate the color by 10%, you get **71.2676, 60.8643, 74.9869**, and if you desaturate by 10%, it is **87.5803, 87.5616, 98.6998**.

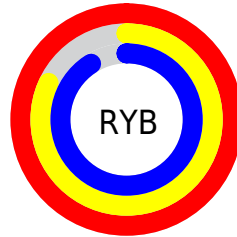
Distribution



Red (100%)

Green (82%)

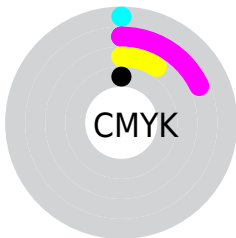
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

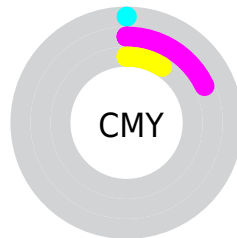


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8521, 73.1794, 86.3130 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 78.8521, 73.1794, 86.3130 by changing the saturation by 10% instead.


 78.8521, 73.1794,
86.3130

 78.8521, 73.1794,
86.3130


479.8515,
471.6363, 536.2202

 59.0794, 54.1227,
64.3705


130.7097,
123.7319, 144.0966

 42.9237, 38.6997,
46.5027

163.5252,
155.9964, 180.7747

 30.0195, 26.5262,
32.2912


201.4192,
193.4323, 223.2018

 20.0015, 17.2177,
21.3173

244.7568,
236.4240, 271.7964

 12.5044, 10.3898,
13.1627

293.9035,
285.3558, 326.9769

 7.1628, 5.6582,
7.4086

349.2246,

 3.6114, 2.6384,

340.6122, 389.1621

3.6366

411.0855,
402.5776, 458.7703

■ 1.4847, 0.9460,
1.4282

■ 0.3154, 0.0000,
0.1636

■ 78.8521, 73.1794,
86.3130

■ 78.8521, 73.1794,
86.3130

■ 71.2676, 60.8643,
74.9869

■ 87.5803, 87.5616,
98.6998

■ 64.7716, 50.5113,
64.6855

95.0500, 100.0000,
108.9000

■ 59.3113, 42.0197,
55.3773

■ 54.8276, 35.2761,
47.0268

■ 51.2549, 30.1549,
39.5959

■ 48.5191, 26.5131,
33.0430

■ 46.5333, 24.1826,
27.3214

■ 45.1835, 22.9417,
22.3748

■ 44.9198, 22.7319,
21.3075

Harmonies

Analogous

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



76.3552, 73.1794, 99.4777



78.8521, 73.1794, 86.3130



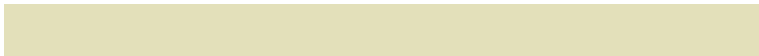
78.7797, 73.1794, 72.7241

Triad

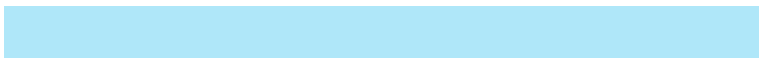
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8521, 73.1794, 86.3130



67.0816, 73.1794, 56.9387



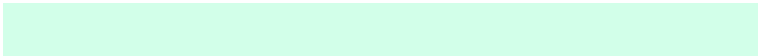
63.3414, 73.1794, 100.0828

Complementary

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



78.8521, 73.1794, 86.3130



77.0487, 91.1060, 90.6186

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.



61.0797, 73.1794, 87.0657



78.8521, 73.1794, 86.3130



63.1707, 73.1794, 62.7003

Square

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



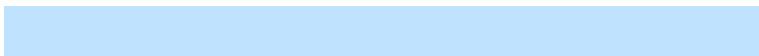
78.8521, 73.1794, 86.3130



71.8339, 73.1794, 56.7865



61.0187, 73.1794, 73.3957



67.3245, 73.1794, 108.0230

Rectangle

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



78.8521, 73.1794, 86.3130



77.2796, 73.1794, 65.2508



61.0187, 73.1794, 73.3957



62.3628, 73.1794, 96.0932

Sweetspot

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



78.8538, 73.1824, 86.3145



90.0849, 91.7205, 102.1561



74.5403, 70.5563, 104.2978



19.1377, 19.3923, 21.6674



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.



78.8538, 73.1824, 86.3145



76.1837, 68.8242, 82.3974



75.9217, 72.0096, 70.8744



18.3795, 18.1351, 20.6154



23.5465, 11.9079, 11.5282



2.3476, 1.1814, 1.4120

Inverse Universe

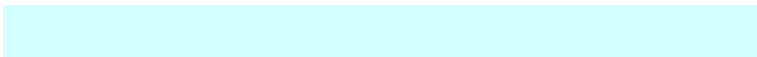
The Inverse Universe completely reimagines the original color for something new.



78.8538, 73.1824, 86.3145



76.1837, 68.8242, 82.3974



80.3900, 92.4425, 108.2139



18.3795, 18.1351, 20.6154



23.5465, 11.9079, 11.5282



2.3476, 1.1814, 1.4120

Previews

White Background



This preview shows how the XYZ color 78.8521, 73.1794, 86.3130 looks on a white background.

Color Contrast Check

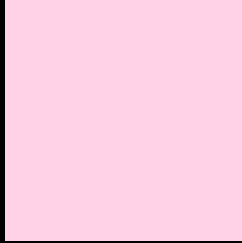
Large Text (above 18pt) WCAG AA × Fail

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 78.8521, 73.1794, 86.3130 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 78.8521, 73.1794, 86.3130

Background



This preview shows how black text looks on a background with the XYZ color 78.8521, 73.1794, 86.3130.



This preview shows how white text looks on a background with the XYZ color 78.8521, 73.1794,

86.3130.

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

78.8521, 73.1794, 86.3130

Protanopia

71.5606, 73.4745, 92.0717

Deuteranopia

74.9149, 73.4065, 85.8217



Tritanopia

78.0324, 73.2054, 82.6903

Trichromacy



Original Color

78.8521, 73.1794, 86.3130

Protanomaly

73.8849, 73.1743, 89.5868

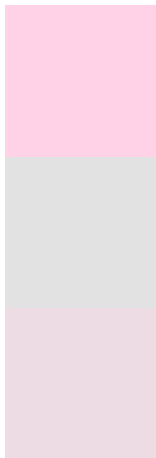
Deuteranomaly

76.1266, 73.2751, 85.7325

Tritanomaly

78.3102, 73.3165, 84.1528

Monochromacy



Original Color

78.8521, 73.1794, 86.3130

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.5218, 74.7924, 83.9074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8521, 73.1794, 86.3130 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 232) }
```

Border

The CSS property to change the border of an element to XYZ 78.8521, 73.1794, 86.3130 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, 232) }
```


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

```
.border{ border-color:rgb(255, 210, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8521, 73.1794, 86.3130 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
210, 232) }
```

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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