

Converting Colors

XYZ(130.6579, 100.0000,
85.1181)

Have a look what the booklet for
XYZ(130.6579, 100.0000, 85.1181)
contains.

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Color

**XYZ(78.1517, 72.8992,
82.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E3
RGB	255, 210, 227
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1764, 0.1098
CMYK	0.00, 0.18, 0.11, 0.00
HSL	337°, 100%, 91%
HSV	337°, 18%, 100%
XYZ	78.1517, 72.8992, 82.6250
YIQ	225.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

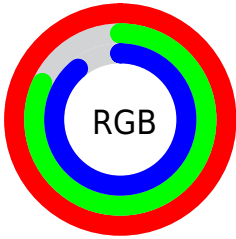
Format	Color
R_{YB}	255, 210, 227
Decimal	16765667
CIE _{Lab}	88.40, 18.42, -2.42
CIE _{LCh}	88, 18.582, 352.504
Yxy	72.8992, 0.3344, 0.3120
Android (android.graphics.Color)	4294955747 (0xFFFFD2E3)
YUV	225.3930, 0.7923, 25.9653
Hunter-Lab	85.3810, 13.9694, 2.3906

Details

The XYZ color **78.1517, 72.8992, 82.6250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7733, 91.3958, 94.4344**, and the grayscale version is **71.8360, 75.5770, 82.3034**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4564, 38.4270, 44.2092** is the 20% darker color. If you saturate the color by 10%, you get **70.2604, 60.4614, 69.6829**, and if you desaturate by 10%, it is **87.2513, 87.4300, 96.9677**.

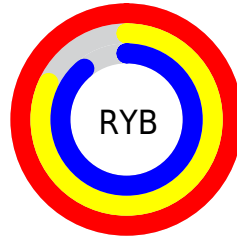
Distribution



Red (100%)

Green (82%)

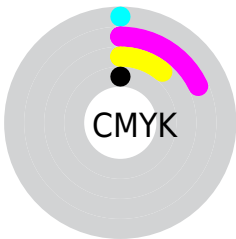
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

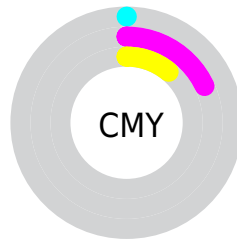


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1517, 72.8992, 82.6250 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 78.1517, 72.8992, 82.6250 by changing the saturation by 10% instead.

 78.1517, 72.8992,
82.6250

 78.1517, 72.8992,
82.6250


477.5138,
470.6654, 523.6741

 58.5018, 53.8935,
61.3420


129.7282,
123.3341, 138.8947

 42.4570, 38.5166,
44.0689


162.3855,
155.5321, 174.7184

 29.6520, 26.3838,
30.3871


200.1093,
192.8964, 216.2262

 19.7214, 17.1110,
19.8780

243.2651,
235.8113, 263.8365

 12.2997, 10.3137,
12.1232

292.2180,
284.6613, 317.9679

 7.0218, 5.6074,
6.7041

347.3335,

 3.5222, 2.6079,

339.8307, 379.0390

3.2021

408.9770,
401.7039, 447.4682

■ 1.4355, 0.9306,
1.1987

■ 0.2813, 0.0000,
0.0000

■ 78.1517, 72.8992,
82.6250

■ 78.1517, 72.8992,
82.6250

■ 70.2604, 60.4614,
69.6829

■ 87.2513, 87.4300,
96.9677

■ 63.5196, 50.0105,
58.0925

95.0500, 100.0000,
108.9000

■ 57.8739, 41.4447,
47.8083

■ 53.2616, 34.6498,
38.7806

■ 49.6141, 29.4986,
30.9557

■ 46.8542, 25.8471,
24.2754

■ 44.8914, 23.5258,
18.6753

■ 43.6082, 22.3116,
14.0795

■ 43.3661, 22.1104,
13.1260

Harmonies

Analogous

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



76.3241, 72.8992, 95.2980



78.1517, 72.8992, 82.6250



77.5246, 72.8992, 70.3328

Triad

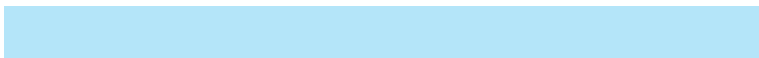
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1517, 72.8992, 82.6250



66.0548, 72.8992, 58.7616



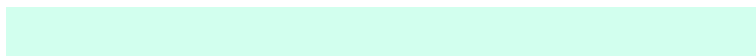
64.1940, 72.8992, 100.5194

Complementary

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



78.1517, 72.8992, 82.6250



77.7733, 91.3958, 94.4344

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.



61.6574, 72.8992, 89.1604



78.1517, 72.8992, 82.6250



62.6991, 72.8992, 65.3322

Square

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



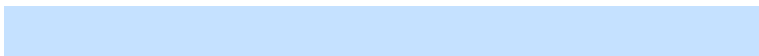
78.1517, 72.8992, 82.6250



70.4143, 72.8992, 57.4121



61.1221, 72.8992, 76.2110



68.1748, 72.8992, 106.3266

Rectangle

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



78.1517, 72.8992, 82.6250



75.8110, 72.8992, 63.8975



61.1221, 72.8992, 76.2110



63.1513, 72.8992, 97.1691

Sweetspot

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



78.1534, 72.9023, 82.6265



89.8653, 91.6327, 100.9996



76.2748, 71.4504, 104.3789



19.0844, 19.3710, 21.3867



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

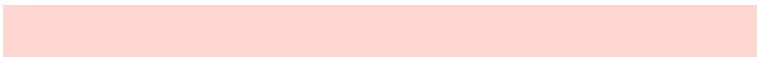
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1534, 72.9023, 82.6265



75.3733, 68.5000, 78.1300



77.2391, 74.6444, 71.3135



18.2932, 18.1006, 20.1611



22.7264, 11.5798, 7.2094



2.2638, 1.1479, 0.9708

Inverse Universe

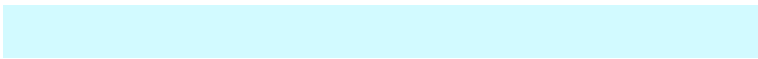
The Inverse Universe completely reimagines the original color for something new.



78.1534, 72.9023, 82.6265



75.3733, 68.5000, 78.1300



78.7382, 89.1389, 107.6633



18.2932, 18.1006, 20.1611



22.7264, 11.5798, 7.2094



2.2638, 1.1479, 0.9708

Previews

White Background



This preview shows how the XYZ color 78.1517, 72.8992, 82.6250 looks on a white background.

Color Contrast Check

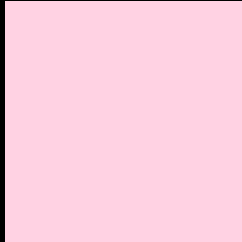
Large Text (above 18pt) WCAG AA × Fail

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 78.1517, 72.8992, 82.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

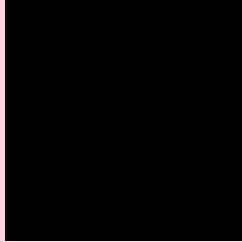
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1517, 72.8992, 82.6250

Background



This preview shows how black text looks on a background with the XYZ color 78.1517, 72.8992, 82.6250.



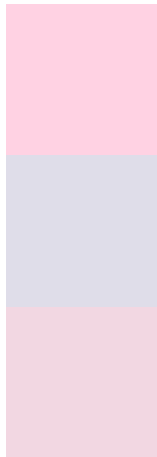
This preview shows how white text looks on a background with the XYZ color 78.1517, 72.8992,

82.6250.

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

78.1517, 72.8992, 82.6250

Protanopia

70.9959, 73.2841, 87.4942

Deuteranopia

74.6459, 72.9691, 82.1017



Tritanopia

78.0141, 72.8442, 81.9001

Trichromacy



Original Color

78.1517, 72.8992, 82.6250

Protanomaly

73.4976, 73.0574, 85.8291

Deuteranomaly

75.8795, 72.8536, 82.0144

Tritanomaly

78.0141, 72.8442, 81.9001

Monochromacy



Original Color

78.1517, 72.8992, 82.6250

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9127, 74.5103, 82.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1517, 72.8992, 82.6250 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 78.1517, 72.8992, 82.6250 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, 227) }
```


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

```
.border{ border-color:rgb(255, 210, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1517, 72.8992, 82.6250 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
210, 227) }
```

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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