

Converting Colors

XYZ(80.2795, 78.6699, 78.6638)

Have a look what the booklet for
XYZ(80.2795, 78.6699, 78.6638)
contains.

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Color

**XYZ(80.2795, 78.6699,
78.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEDC
RGB	255, 222, 220
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1294, 0.1372
CMYK	0.00, 0.13, 0.14, 0.00
HSL	3°, 100%, 93%
HSV	3°, 14%, 100%
XYZ	80.2795, 78.6699, 78.6638
YIQ	231.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

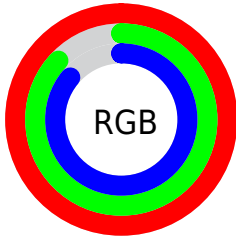
Format	Color
R _Y B	255, 222, 220
Decimal	16768732
CIE Lab	91.08, 11.06, 5.17
CIE LCh	91, 12.210, 25.043
Yxy	78.6699, 0.3379, 0.3311
Android (android.graphics.Color)	4294958812 (0xFFFFDEDC)
YUV	231.6390, -5.7380, 20.4876
Hunter-Lab	88.6961, 6.3437, 9.5034

Details

The XYZ color **80.2795, 78.6699, 78.6638** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6895, 92.6835, 108.1392**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8990, 42.3598, 41.4598** is the 20% darker color. If you saturate the color by 10%, you get **71.2206, 65.5506, 60.2336**, and if you desaturate by 10%, it is **90.7678, 93.8226, 100.1138**.

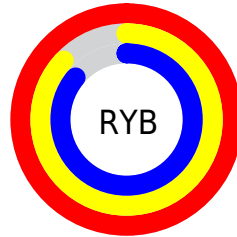
Distribution



Red (100%)

Green (87%)

Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)



Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.2795, 78.6699, 78.6638 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 80.2795, 78.6699, 78.6638 by changing the saturation by 10% instead.

 80.2795, 78.6699,
78.6638

 80.2795, 78.6699,
78.6638


484.5965,
490.4389, 510.0058

 60.2576, 58.6244,
58.0997


132.7071,
131.4940, 133.2798

 43.8766, 42.3109,
41.4736

165.8435,
165.0415, 168.1689

 30.7710, 29.3448,
28.3669


204.0822,
203.8585, 208.6700

 20.5755, 19.3418,
18.3609

247.7884,
248.3293, 255.2018

 12.9247, 11.9175,
11.0373

297.3276,
298.8383, 308.1827

 7.4534, 6.6875,
5.9775

353.0651,

 3.7961, 3.2675,

355.7700, 368.0313

2.7628

415.3663,
419.5087, 435.1661

■ 1.5874, 1.2729,
0.9748

■ 0.3842, 0.1201,
0.0000

■ 80.2795, 78.6699,
78.6638

■ 80.2795, 78.6699,
78.6638

■ 71.2206, 65.5506,
60.2336

■ 90.7678, 93.8226,
100.1138

■ 63.5236, 54.3687,
44.6831

95.0500, 100.0000,
108.9000

■ 57.1245, 45.0354,
31.8682

■ 51.9516, 37.4511,
21.6307

■ 47.9264, 31.5068,
13.7960

■ 44.9612, 27.0814,
8.1680

■ 42.9557, 24.0369,
4.5196

■ 41.7900, 22.2104,
2.5747

■ 41.4053, 21.5906,
1.9851

Harmonies

Analogous

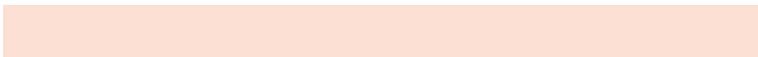
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8425, 78.6699, 87.1351



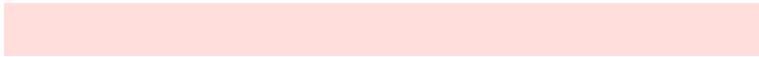
80.2795, 78.6699, 78.6638



78.2252, 78.6699, 72.4708

Triad

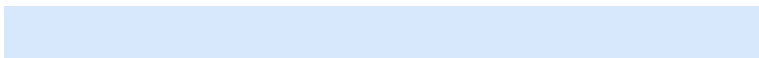
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2795, 78.6699, 78.6638



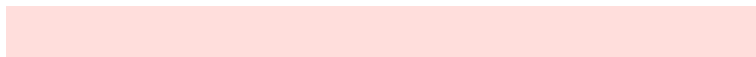
70.0146, 78.6699, 76.2851



74.2618, 78.6699, 103.7294

Complementary

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



80.2795, 78.6699, 78.6638



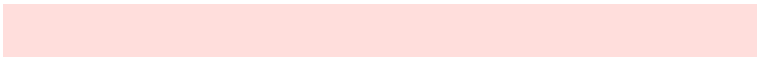
82.6895, 92.6835, 108.1392

Split Complementary

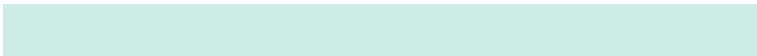
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4246, 78.6699, 100.3554



80.2795, 78.6699, 78.6638



69.0159, 78.6699, 84.1980

Square

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



80.2795, 78.6699, 78.6638



72.2895, 78.6699, 71.1651



69.5250, 78.6699, 93.0553



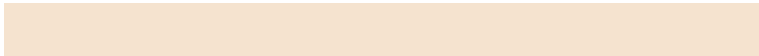
77.3135, 78.6699, 101.9963

Rectangle

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



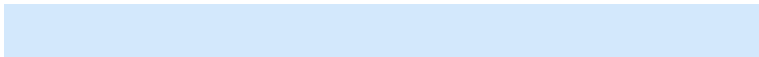
80.2795, 78.6699, 78.6638



76.3154, 78.6699, 70.2659



69.5250, 78.6699, 93.0553



73.2522, 78.6699, 103.1486

Sweetspot

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



80.2814, 78.6733, 78.6655



90.4597, 93.3779, 99.4822



84.6031, 79.5551, 104.0341



19.1830, 19.7282, 20.9263



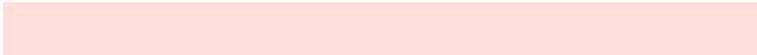
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.2814, 78.6733, 78.6655



78.0968, 75.5126, 74.2116



85.0984, 88.3073, 80.2711



18.0928, 18.1539, 18.6948



21.6679, 11.3471, 1.0482



2.1378, 1.1609, 0.1114

Inverse Universe

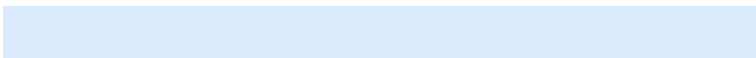
The Inverse Universe completely reimagines the original color for something new.



82.6895, 92.6835, 108.1392



80.8590, 91.5842, 108.0235



77.4895, 82.2835, 106.4059



18.4605, 20.2926, 23.1938



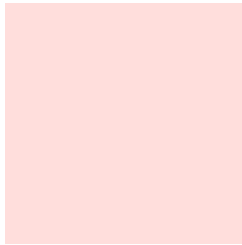
25.8125, 36.5346, 55.1260



2.5393, 3.6094, 5.3761

Previews

White Background



This preview shows how the XYZ color 80.2795, 78.6699, 78.6638 looks on a white background.

Color Contrast Check

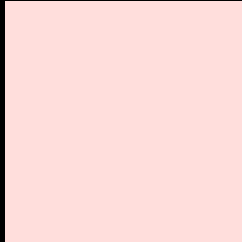
Large Text (above 18pt) WCAG AA × Fail

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 80.2795, 78.6699, 78.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

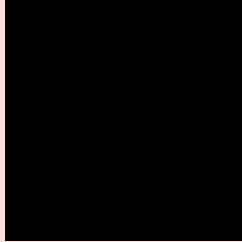
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

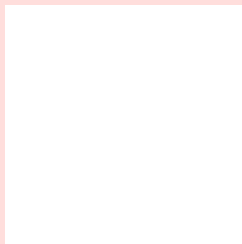
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2795, 78.6699, 78.6638

Background



This preview shows how black text looks on a background with the XYZ color 80.2795, 78.6699, 78.6638.



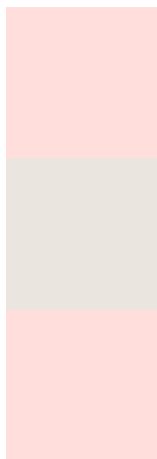
This preview shows how white text looks on a background with the XYZ color 80.2795, 78.6699, 78.6638.

78.6638.

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

80.2795, 78.6699, 78.6638

Protanopia

75.7348, 79.0826, 81.7938

Deuteranopia

80.2795, 78.6699, 78.6638



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

80.2795, 78.6699, 78.6638

Protanomaly

77.1336, 78.5977, 80.9175

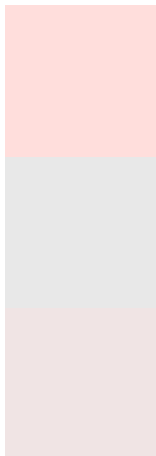
Deuteranomaly

80.2795, 78.6699, 78.6638

Tritanomaly

81.3794, 78.6861, 85.7617

Monochromacy



Original Color

80.2795, 78.6699, 78.6638

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.6822, 79.6135, 84.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2795, 78.6699, 78.6638 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, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 220) }
```

Border

The CSS property to change the border of an element to XYZ 80.2795, 78.6699, 78.6638 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, 222, 220) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2795, 78.6699, 78.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 220) }
```

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

```
.background{ background-color: rgb(255,  
222, 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](#).

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