

Converting Colors

XYZ(84.1007, 84.0069, 72.5231)

Have a look what the booklet for
XYZ(84.1007, 84.0069, 72.5231)
contains.

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Color

**XYZ(81.1697, 82.5068,
72.6201)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D2
RGB	255, 230, 210
RGB Percent	100%, 90%, 82%
CMY	0.0000, 0.0980, 0.1765
CMYK	0.00, 0.10, 0.18, 0.00
HSL	27°, 100%, 91%
HSV	27°, 18%, 100%
XYZ	81.1697, 82.5068, 72.6201
YIQ	235.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

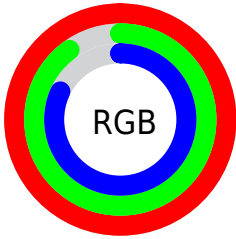
Format	Color
R _Y B	255, 246, 210
Decimal	16770770
CIE Lab	92.80, 5.42, 12.84
CIE LCh	93, 13.938, 67.125
Yxy	82.5068, 0.3435, 0.3492
Android (android.graphics.Color)	4294960850 (0xFFFFE6D2)
YUV	235.1950, -12.4211, 17.3690
Hunter-Lab	90.8333, 0.5516, 16.1816

Details

The XYZ color **81.1697, 82.5068, 72.6201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3359, 80.3360, 106.1962**, and the grayscale version is **79.1961, 83.3205, 90.7360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6194, 45.0660, 37.7994** is the 20% darker color. If you saturate the color by 10%, you get **74.4600, 73.7729, 55.9388**, and if you desaturate by 10%, it is **88.7099, 92.0909, 92.0777**.

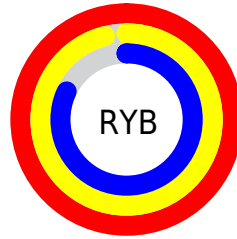
Distribution



Red (100%)

Green (90%)

Blue (82%)



Red (100%)

Yellow (96%)

Blue (82%)

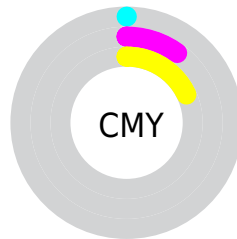


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1697, 82.5068, 72.6201 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 81.1697, 82.5068, 72.6201 by changing the saturation by 10% instead.

81.1697, 82.5068,
72.6201

81.1697, 82.5068,
72.6201

487.5428,
503.3413, 488.7325

60.9931, 61.7834,
53.1755

133.9509,
136.8845, 124.6537

44.4722, 44.8577,
37.5542

167.2863,
171.3075, 158.0796

31.2414, 31.3453,
25.3377

205.7387,
211.0659, 197.0032

20.9354, 20.8620,
16.1075

249.6734,
256.5440, 241.8427

13.1890, 13.0231,
9.4451

299.4558,
308.1261, 293.0169

7.6367, 7.4445,
4.9319

355.4513,

3.9132, 3.7416,

366.1968, 350.9442

2.1493

418.0252,
431.1404, 416.0433

■ 1.6532, 1.5301,
0.6449

■ 0.4267, 0.3098,
0.0000

■ 81.1697, 82.5068,
72.6201

■ 81.1697, 82.5068,
72.6201

■ 74.4600, 73.7729,
55.9388

■ 88.7099, 92.0909,
92.0777

■ 68.5434, 65.8538,
41.9001

95.0500, 100.0000,
108.9000

■ 63.3882, 58.7270,
30.3670

■ 58.9579, 52.3649,
21.1879

■ 55.2126, 46.7378,
14.1944

■ 52.1077, 41.8136,
9.1956

■ 49.5916, 37.5567,
5.9667

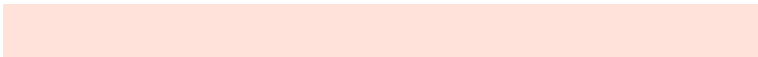
■ 47.5989, 33.9252,
4.2118

■ 47.1857, 33.1515,
3.9119

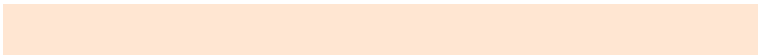
Harmonies

Analogous

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



84.1283, 82.5068, 78.2836



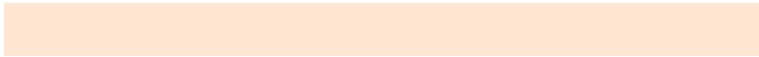
81.1697, 82.5068, 72.6201



77.5561, 82.5068, 71.3947

Triad

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



81.1697, 82.5068, 72.6201



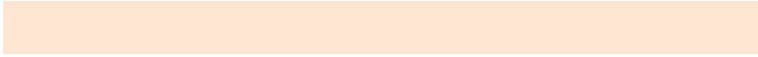
71.6847, 82.5068, 92.3427



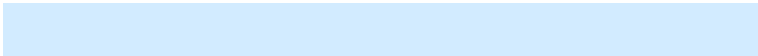
82.7165, 82.5068, 106.7665

Complementary

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



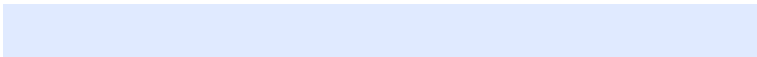
81.1697, 82.5068, 72.6201



74.3359, 80.3360, 106.1962

Split Complementary

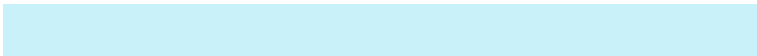
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2907, 82.5068, 111.2070



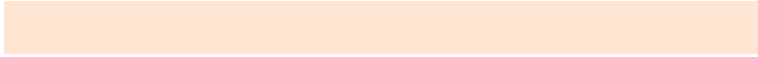
81.1697, 82.5068, 72.6201



72.9764, 82.5068, 102.4722

Square

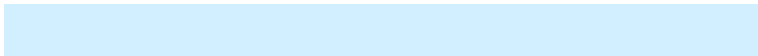
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1697, 82.5068, 72.6201



72.1528, 82.5068, 82.2746



75.7336, 82.5068, 109.5778



85.0405, 82.5068, 97.8468

Rectangle

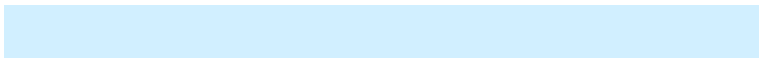
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1697, 82.5068, 72.6201



75.2753, 82.5068, 73.1662



75.7336, 82.5068, 109.5778



81.6516, 82.5068, 108.8627

Sweetspot

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



81.1716, 82.5103, 72.6218



90.8468, 94.7703, 97.7058



79.3549, 73.3812, 88.9587



19.3222, 20.1312, 20.5889



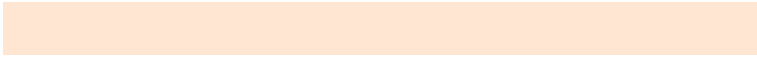
0.0000, 0.0000, 0.0000



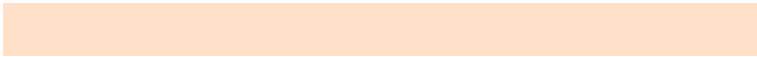
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1716, 82.5103, 72.6218



78.8302, 79.4874, 66.7241



87.6835, 95.5341, 74.7925



18.6741, 19.3163, 18.8885



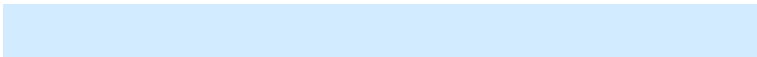
24.7990, 17.6093, 2.0919



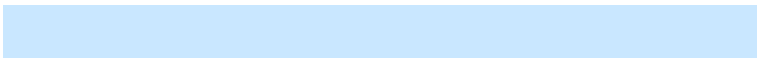
2.5215, 1.9284, 0.2393

Inverse Universe

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



74.3359, 80.3360, 106.1962



70.8887, 76.9603, 105.7263



68.4235, 68.5112, 104.2254



17.8397, 19.0511, 22.9869



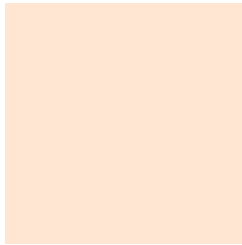
14.6090, 14.1277, 51.3915



1.5315, 1.5936, 5.0402

Previews

White Background



This preview shows how the XYZ color 81.1697, 82.5068, 72.6201 looks on a white background.

Color Contrast Check

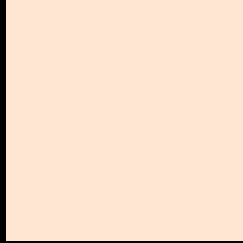
Large Text (above 18pt) WCAG AA × Fail

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 81.1697, 82.5068, 72.6201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

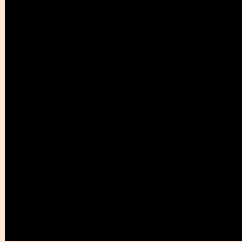
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1697, 82.5068, 72.6201

Background



This preview shows how black text looks on a background with the XYZ color 81.1697, 82.5068, 72.6201.



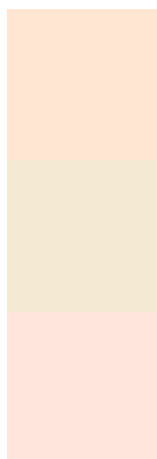
This preview shows how white text looks on a background with the XYZ color 81.1697, 82.5068,

72.6201.

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

81.1697, 82.5068, 72.6201

Protanopia

78.6147, 82.8322, 74.1321

Deuteranopia

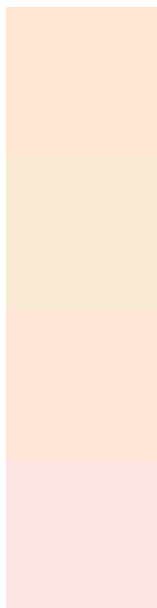
82.1776, 82.4659, 79.2964



Tritanopia

84.5863, 82.5490, 94.6945

Trichromacy



Original Color

81.1697, 82.5068, 72.6201

Protanomaly

79.6082, 82.9374, 73.4407

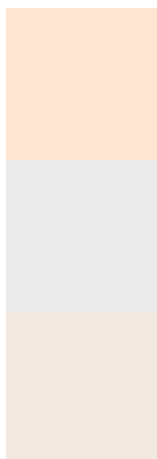
Deuteranomaly

81.6540, 82.2565, 76.5392

Tritanomaly

83.2663, 82.4600, 86.3907

Monochromacy



Original Color

81.1697, 82.5068, 72.6201

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4843, 82.6461, 83.7145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1697, 82.5068, 72.6201 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, 230, 210) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 210)  
}
```

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, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 210) }
```

Border

The CSS property to change the border of an element to XYZ 81.1697, 82.5068, 72.6201 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, 230, 210) }
```


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

```
.border{ border-color:rgb(255, 230, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1697, 82.5068, 72.6201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 210) }
```

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

```
.background{ background-color: rgb(255,  
230, 210) }
```

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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