

Converting Colors

XYZ(79.4133, 81.7051, 70.9721)

Have a look what the booklet for
XYZ(79.4133, 81.7051, 70.9721)
contains.

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Color

**XYZ(79.4656, 81.6569,
71.2476)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE6D0
RGB	251, 230, 208
RGB Percent	98%, 90%, 82%
CMY	0.0157, 0.0980, 0.1843
CMYK	0.00, 0.08, 0.17, 0.02
HSL	31°, 84%, 90%
HSV	31°, 17%, 98%
XYZ	79.4656, 81.6569, 71.2476
YIQ	233.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

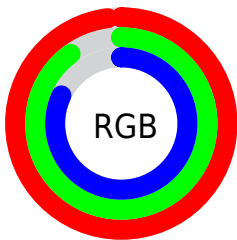
Format	Color
R _Y B	249, 251, 208
Decimal	16508624
CIE Lab	92.42, 3.69, 13.30
CIE LCh	92, 13.806, 74.496
Yxy	81.6569, 0.3420, 0.3514
Android (android.graphics.Color)	4294698704 (0xFFFFBE6D0)
YUV	233.7710, -12.7051, 15.1098
Hunter-Lab	90.3642, -1.1658, 16.5078

Details

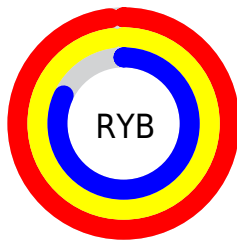
The XYZ color **79.4656, 81.6569, 71.2476** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4439, 76.4118, 102.2508**, and the grayscale version is **78.1180, 82.1863, 89.5008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4108, 44.4624, 36.8659** is the 20% darker color. If you saturate the color by 10%, you get **73.3277, 73.9378, 55.1528**, and if you desaturate by 10%, it is **86.3364, 90.0584, 89.9997**.

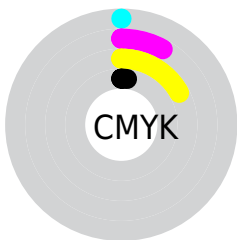
Distribution



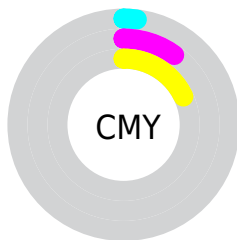
- Red (98%)
- Green (90%)
- Blue (82%)



- Red (98%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4656, 81.6569, 71.2476 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 79.4656, 81.6569, 71.2476 by changing the saturation by 10% instead.


 79.4656, 81.6569,
71.2476

 79.4656, 81.6569,
71.2476

481.8941,
500.4993, 483.8255

 59.5856, 61.0828,
52.0612

131.5686,
135.6928, 122.6840

 43.3329, 44.2920,
36.6713


164.5224,
169.9233, 155.7710

 30.3421, 30.9001,
24.6593


202.5648,
209.4747, 194.3287

 20.2477, 20.5228,
15.6067

246.0612,
254.7314, 238.7755

 12.6846, 12.7756,
9.0949

295.3770,
306.0778, 289.5301

 7.2872, 7.2742,
4.7055

350.8775,

 3.6903, 3.6342,

363.8984, 347.0109

2.0198

412.9281,
428.5774, 411.6365

■ 1.5284, 1.4711,
0.5674

■ 0.3451, 0.2683,
0.0000

■ 79.4656, 81.6569,
71.2476

■ 79.4656, 81.6569,
71.2476

■ 73.3277, 73.9378,
55.1528

■ 86.3364, 90.0584,
89.9997

■ 67.8884, 66.8713,
41.5877

■ 93.4399, 98.9414,
108.7805

■ 63.1201, 60.4408,
30.4218

■ 93.5939, 99.2493,
108.8319

■ 58.9903, 54.6252,
21.5110

■ 55.4638, 49.4017,
14.6953

■ 52.5007, 44.7452,
9.7932

■ 50.0552, 40.6282,
6.5919

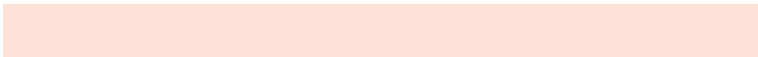
■ 48.0697, 37.0178,
4.8184

■ 47.5616, 36.0647,
4.4544

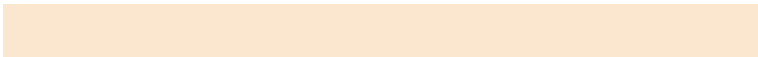
Harmonies

Analogous

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



82.6227, 81.6569, 75.8070



79.4656, 81.6569, 71.2476



75.9035, 81.6569, 71.1702

Triad

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



79.4656, 81.6569, 71.2476



71.1419, 81.6569, 93.9328



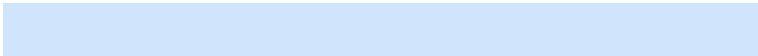
82.5335, 81.6569, 103.7147

Complementary

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



79.4656, 81.6569, 71.2476



71.4439, 76.4118, 102.2508

Split Complementary

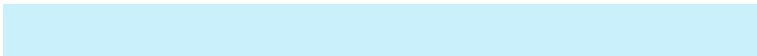
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3468, 81.6569, 109.3780



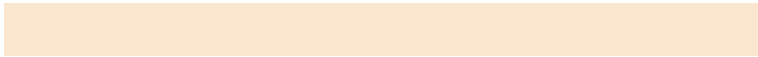
79.4656, 81.6569, 71.2476



72.8089, 81.6569, 103.4432

Square

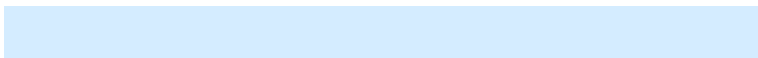
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4656, 81.6569, 71.2476



71.1715, 81.6569, 83.7481



75.7883, 81.6569, 109.2750



84.4307, 81.6569, 94.2808

Rectangle

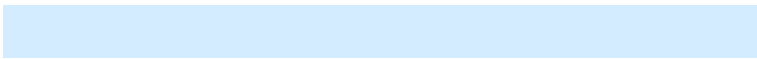
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4656, 81.6569, 71.2476



73.7819, 81.6569, 73.6437



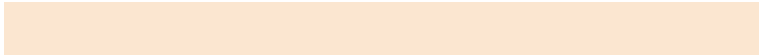
75.7883, 81.6569, 109.2750



81.5734, 81.6569, 106.1536

Sweetspot

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



79.4678, 81.6605, 71.2493



91.1107, 95.2980, 97.7937



76.5532, 71.3072, 84.2251



19.3863, 20.2594, 20.6103



0.0000, 0.0000, 0.0000



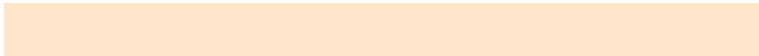
20.3446, 21.4041, 23.3091

Same Dimension

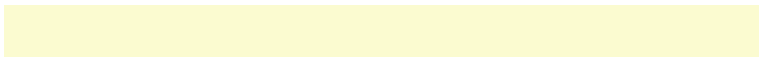
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4678, 81.6605, 71.2493



79.8145, 81.4560, 67.0522



85.6667, 94.0583, 73.3156



17.9791, 18.6940, 18.1231



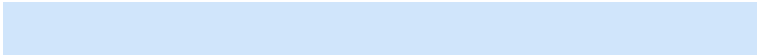
25.1466, 19.2499, 2.3902



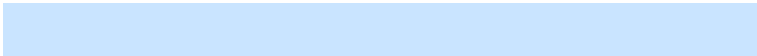
2.4352, 1.9952, 0.2568

Inverse Universe

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



71.4439, 76.4118, 102.2508



69.8910, 74.9648, 105.3938



65.9819, 65.4879, 100.4301



16.9827, 18.0422, 21.9727



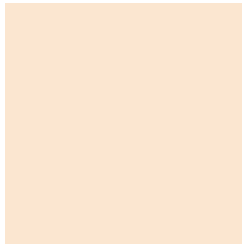
12.9915, 11.3387, 49.4774



1.3090, 1.2616, 4.6177

Previews

White Background



This preview shows how the XYZ color 79.4656, 81.6569, 71.2476 looks on a white background.

Color Contrast Check

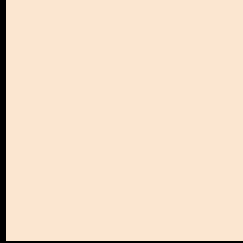
Large Text (above 18pt) WCAG AA × Fail

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 79.4656, 81.6569, 71.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

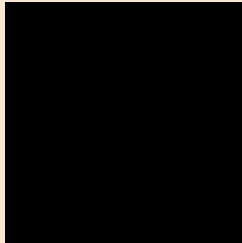
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4656, 81.6569, 71.2476

Background



This preview shows how black text looks on a background with the XYZ color 79.4656, 81.6569, 71.2476.



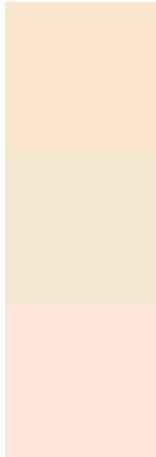
This preview shows how white text looks on a background with the XYZ color 79.4656, 81.6569,

71.2476.

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

79.4656, 81.6569, 71.2476

Protanopia

77.6097, 81.9360, 72.0464

Deuteranopia

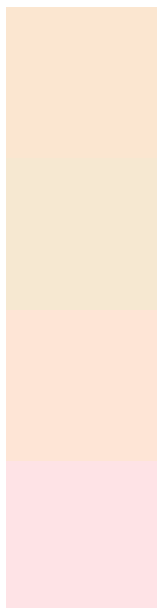
81.5078, 81.7566, 77.1303



Tritanopia

84.1922, 81.5212, 95.3022

Trichromacy



Original Color

79.4656, 81.6569, 71.2476

Protanomaly

78.3713, 81.9095, 72.0011

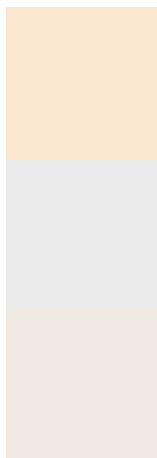
Deuteranomaly

81.0300, 81.9645, 75.1683

Tritanomaly

82.6251, 81.7222, 86.2821

Monochromacy



Original Color

79.4656, 81.6569, 71.2476

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.6647, 82.2393, 82.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4656, 81.6569, 71.2476 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(251, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 208)  
}
```

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(251, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 208) }
```

Border

The CSS property to change the border of an element to XYZ 79.4656, 81.6569, 71.2476 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(251, 230, 208) }
```


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

```
.border{ border-color:rgb(251, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 230,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4656, 81.6569, 71.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 208) }
```

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

```
.background{ background-color: rgb(251,  
230, 208) }
```

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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