

Converting Colors

XYZ(78.6004, 80.1593, 71.4515)

Have a look what the booklet for
XYZ(78.6004, 80.1593, 71.4515)
contains.

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Color

**XYZ(78.4020, 79.8656,
71.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3D1
RGB	250, 227, 209
RGB Percent	98%, 89%, 82%
CMY	0.0196, 0.1098, 0.1804
CMYK	0.00, 0.09, 0.16, 0.02
HSL	26°, 80%, 90%
HSV	26°, 16%, 98%
XYZ	78.4020, 79.8656, 71.6050
YIQ	231.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

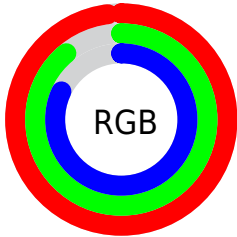
Format	Color
R _{YB}	250, 241, 209
Decimal	16442321
CIE _{Lab}	91.62, 5.02, 11.64
CIE _{LCh}	92, 12.674, 66.655
Y _{xy}	79.8656, 0.3411, 0.3474
Android (android.graphics.Color)	4294632401 (0xFFFAE3D1)
Y _{UV}	231.8250, -11.2527, 15.9395
Hunter-Lab	89.3676, 0.2045, 15.0517

Details

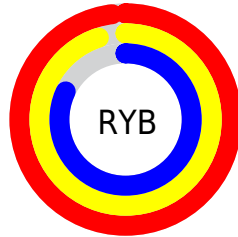
The XYZ color **78.4020, 79.8656, 71.6050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4060, 78.1688, 101.7149**, and the grayscale version is **76.6440, 80.6354, 87.8120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6612, 43.2091, 37.1020** is the 20% darker color. If you saturate the color by 10%, you get **71.8669, 71.3657, 55.3355**, and if you desaturate by 10%, it is **85.7396, 89.1916, 90.5400**.

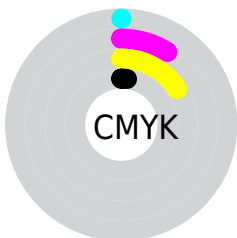
Distribution



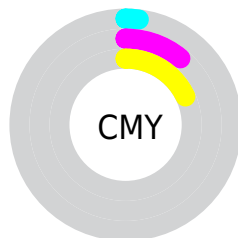
- Red (98%)
- Green (89%)
- Blue (82%)



- Red (98%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4020, 79.8656, 71.6050 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 78.4020, 79.8656, 71.6050 by changing the saturation by 10% instead.

 78.4020, 79.8656,
71.6050

 78.4020, 79.8656,
71.6050


478.3499,
494.4798, 485.1061

 58.7082, 59.6078,
52.3512


130.0790,
133.1768, 123.1973

 42.6237, 43.1026,
36.9009


162.7930,
166.9989, 156.3728

 29.7832, 29.9656,
24.8356


200.5777,
206.1112, 195.0260

 19.8214, 19.8125,
15.7367

243.7985,
250.8981, 239.5755

 12.3728, 12.2588,
9.1857

292.8208,
301.7440, 290.4397

 7.0721, 6.9202,
4.7640

348.0099,

 3.5540, 3.4122,

359.0334, 348.0371

2.0532

409.7311,
423.1505, 412.7864

■ 1.4530, 1.3505,
0.5877

■ 0.2935, 0.1798,
0.0000

■ 78.4020, 79.8656,
71.6050

■ 78.4020, 79.8656,
71.6050

■ 71.8669, 71.3657,
55.3355

■ 85.7396, 89.1916,
90.5400

■ 66.0977, 63.6573,
41.6050

■ 93.2346, 99.0641,
108.8150

■ 61.0645, 56.7189,
30.2842

■ 56.7328, 50.5240,
21.2304

■ 53.0647, 45.0440,
14.2853

■ 50.0181, 40.2480,
9.2703

■ 47.5446, 36.1022,
5.9760

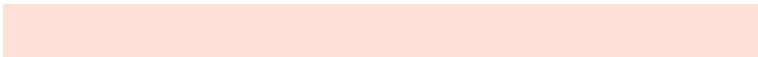
■ 45.5858, 32.5676,
4.1420

■ 44.9774, 31.4299,
3.6960

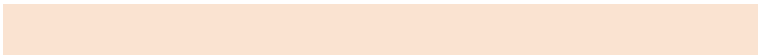
Harmonies

Analogous

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



81.0112, 79.8656, 76.7505



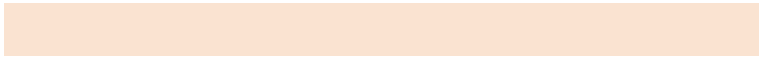
78.4020, 79.8656, 71.6050



75.1911, 79.8656, 70.4355

Triad

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



78.4020, 79.8656, 71.6050



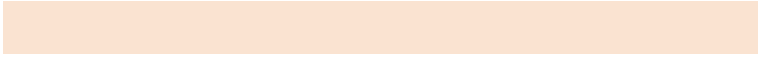
69.8964, 79.8656, 89.0415



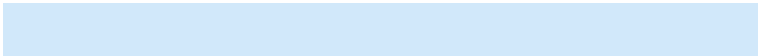
79.6851, 79.8656, 102.0520

Complementary

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



78.4020, 79.8656, 71.6050



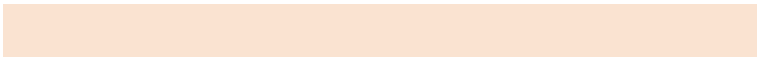
72.4060, 78.1688, 101.7149

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.



76.6332, 79.8656, 105.8859



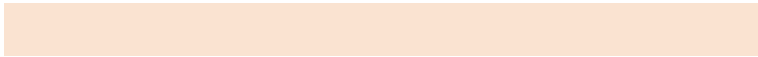
78.4020, 79.8656, 71.6050



71.0273, 79.8656, 98.0371

Square

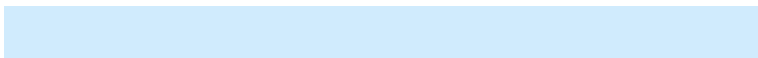
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4020, 79.8656, 71.6050



70.3397, 79.8656, 80.0888



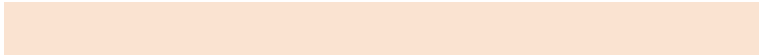
73.4711, 79.8656, 104.3669



81.7666, 79.8656, 94.2135

Rectangle

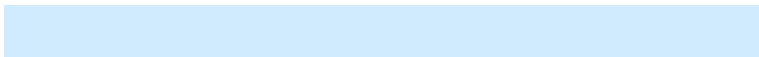
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4020, 79.8656, 71.6050



73.1528, 79.8656, 71.9879



73.4711, 79.8656, 104.3669



78.7354, 79.8656, 103.8763

Sweetspot

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



78.4042, 79.8692, 71.6067



90.8256, 94.7279, 97.6987



76.8243, 71.7654, 86.3217



19.3171, 20.1209, 20.5872



0.0000, 0.0000, 0.0000



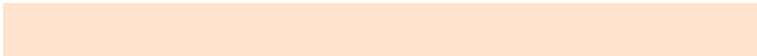
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4042, 79.8692, 71.6067



79.4433, 80.2281, 68.4252



84.2760, 91.6128, 73.5640



17.8718, 18.4795, 18.0873



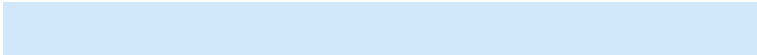
23.9950, 16.9466, 2.0063



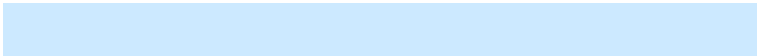
2.3259, 1.7766, 0.2203

Inverse Universe

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



72.4060, 78.1688, 101.7149



71.9787, 78.1111, 105.8910



67.0277, 67.4123, 99.9221



17.0907, 18.2582, 22.0087



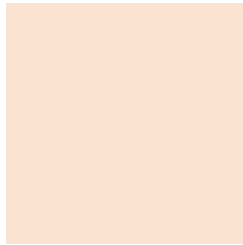
14.2897, 13.9349, 49.9101



1.4290, 1.5018, 4.6577

Previews

White Background



This preview shows how the XYZ color 78.4020, 79.8656, 71.6050 looks on a white background.

Color Contrast Check

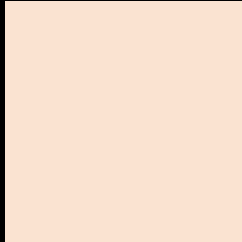
Large Text (above 18pt) WCAG AA × Fail

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 78.4020, 79.8656, 71.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

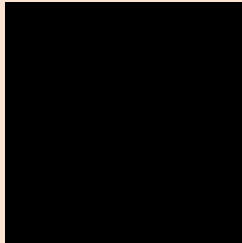
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4020, 79.8656, 71.6050

Background



This preview shows how black text looks on a background with the XYZ color 78.4020, 79.8656, 71.6050.



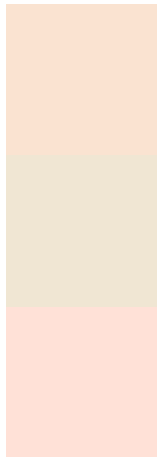
This preview shows how white text looks on a background with the XYZ color 78.4020, 79.8656, 71.6050.

71.6050.

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

78.4020, 79.8656, 71.6050

Protanopia

75.9899, 79.8220, 73.0301

Deuteranopia

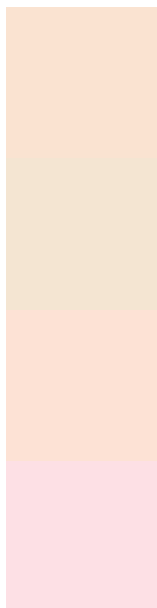
80.4310, 80.0167, 75.4956



Tritanopia

82.7225, 79.6047, 93.4434

Trichromacy



Original Color

78.4020, 79.8656, 71.6050

Protanomaly

76.9604, 79.9249, 72.3436

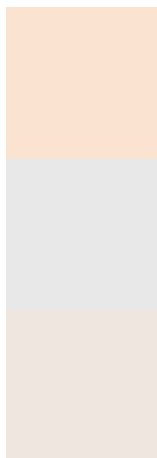
Deuteranomaly

79.7146, 80.0795, 74.2063

Tritanomaly

81.3065, 79.8511, 85.2562

Monochromacy



Original Color

78.4020, 79.8656, 71.6050

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.3480, 80.3262, 81.9488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4020, 79.8656, 71.6050 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(250, 227, 209) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 209)  
}
```

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(250, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 209) }
```

Border

The CSS property to change the border of an element to XYZ 78.4020, 79.8656, 71.6050 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(250, 227, 209) }
```


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

```
.border{ border-color:rgb(250, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4020, 79.8656, 71.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 209) }
```

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

```
.background{ background-color: rgb(250,  
227, 209) }
```

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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