

Converting Colors

XYZ(78.8705, 80.9066, 71.9843)

Have a look what the booklet for
XYZ(78.8705, 80.9066, 71.9843)
contains.

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Color

**XYZ(78.9523, 80.9661,
71.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5D1
RGB	250, 229, 209
RGB Percent	98%, 90%, 82%
CMY	0.0196, 0.1019, 0.1804
CMYK	0.00, 0.08, 0.16, 0.02
HSL	29°, 80%, 90%
HSV	29°, 16%, 98%
XYZ	78.9523, 80.9661, 71.7884
YIQ	232.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

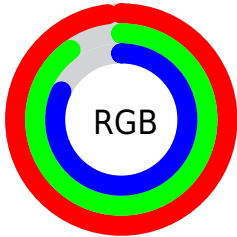
Format	Color
R _Y B	250, 248, 209
Decimal	16442833
CIE Lab	92.12, 4.00, 12.34
CIE LCh	92, 12.967, 72.053
Yxy	80.9661, 0.3407, 0.3494
Android (android.graphics.Color)	4294632913 (0xFFFAE5D1)
YUV	232.9990, -11.8315, 14.9099
Hunter-Lab	89.9812, -0.8455, 15.6843

Details

The XYZ color **78.9523, 80.9661, 71.7884** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.8463, 77.0494, 101.5285**, and the grayscale version is **77.5295, 81.5671, 88.8265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0448, 43.9761, 37.2299** is the 20% darker color. If you saturate the color by 10%, you get **72.6848, 73.0013, 55.6081**, and if you desaturate by 10%, it is **85.9712, 89.6549, 90.6172**.

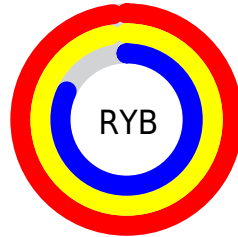
Distribution



Red (98%)

Green (90%)

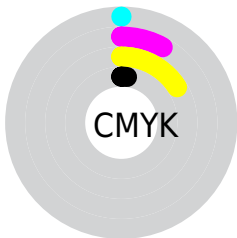
Blue (82%)



Red (98%)

Yellow (97%)

Blue (82%)

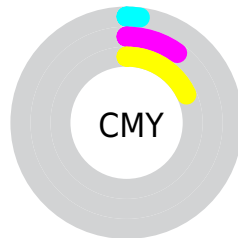


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (10%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9523, 80.9661, 71.7884 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 78.9523, 80.9661, 71.7884 by changing the saturation by 10% instead.

 78.9523, 80.9661,
71.7884

 78.9523, 80.9661,
71.7884


480.1854,
498.1827, 485.7625

 59.1621, 60.5137,
52.5001

130.8500,
134.7232, 123.4606

 42.9905, 43.8328,
37.0188


163.6882,
168.7966, 156.6815

 30.0721, 30.5391,
24.9262


201.6064,
208.1792, 195.3836

 20.0417, 20.2481,
15.8035

244.9700,
253.2553, 239.9856

 12.5338, 12.5755,
9.2324

294.1444,
304.4093, 290.9060

 7.1831, 7.1369,
4.7942

349.4948,

 3.6242, 3.5479,

362.0256, 348.5632

2.0704

411.3867,
426.4886, 413.3759

■ 1.4918, 1.4240,
0.5981

■ 0.3203, 0.2343,
0.0000

■ 78.9523, 80.9661,
71.7884

■ 78.9523, 80.9661,
71.7884

■ 72.6848, 73.0013,
55.6081

■ 85.9712, 89.6549,
90.6172

■ 67.1338, 65.7295,
41.9503

■ 93.1104, 98.8156,
108.7736

■ 62.2716, 59.1329,
30.6865

■ 93.2346, 99.0641,
108.8150

■ 58.0653, 53.1889,
21.6745

■ 54.4794, 47.8732,
14.7569

■ 51.4739, 43.1596,
9.7555

■ 49.0029, 39.0187,
6.4621

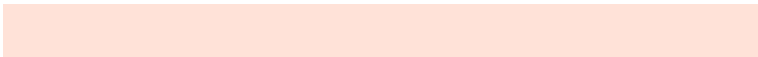
■ 47.0105, 35.4171,
4.6169

■ 46.3819, 34.2386,
4.1641

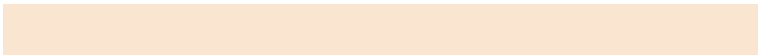
Harmonies

Analogous

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



81.8250, 80.9661, 76.4003



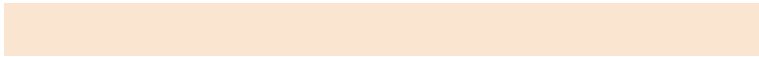
78.9523, 80.9661, 71.7884



75.6222, 80.9661, 71.3623

Triad

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



78.9523, 80.9661, 71.7884



70.8429, 80.9661, 92.0563



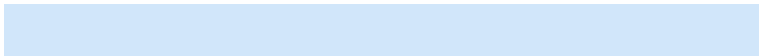
81.3395, 80.9661, 102.5369

Complementary

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



78.9523, 80.9661, 71.7884



71.8463, 77.0494, 101.5285

Split Complementary

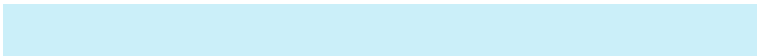
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3051, 80.9661, 107.4023



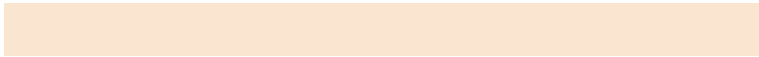
78.9523, 80.9661, 71.7884



72.2838, 80.9661, 101.0647

Square

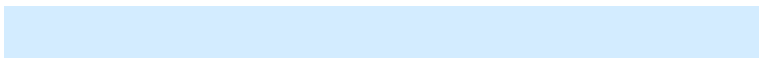
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9523, 80.9661, 71.7884



71.0048, 80.9661, 82.6100



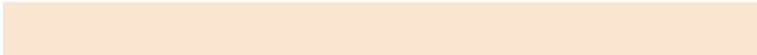
74.9933, 80.9661, 106.8449



83.2305, 80.9661, 93.9496

Rectangle

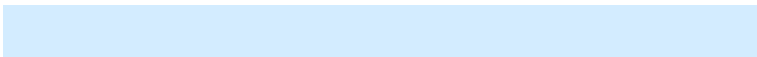
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9523, 80.9661, 71.7884



73.5967, 80.9661, 73.4664



74.9933, 80.9661, 106.8449



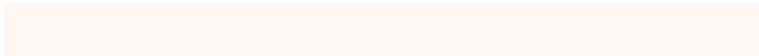
80.4157, 80.9661, 104.6889

Sweetspot

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



78.9545, 80.9697, 71.7901



91.0170, 95.1106, 97.7625



76.5344, 71.6495, 84.7948



19.3636, 20.2138, 20.6027



0.0000, 0.0000, 0.0000



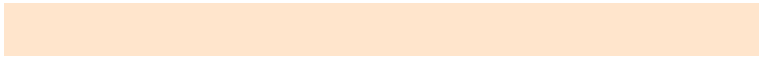
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9545, 80.9697, 71.7901



80.1263, 81.5941, 68.6529



84.9074, 92.8755, 73.7744



17.9438, 18.6234, 18.1113



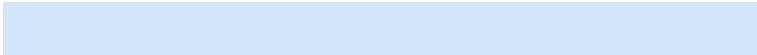
24.7452, 18.4471, 2.2564



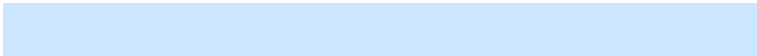
2.3976, 1.9200, 0.2442

Inverse Universe

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



71.8463, 77.0494, 101.5285



71.2809, 76.7155, 105.6584



66.5194, 66.3956, 99.7528



17.0180, 18.1128, 21.9845



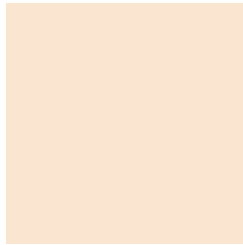
13.3932, 12.1421, 49.6113



1.3466, 1.3369, 4.6302

Previews

White Background



This preview shows how the XYZ color 78.9523, 80.9661, 71.7884 looks on a white background.

Color Contrast Check

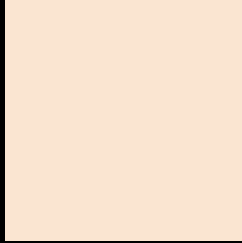
Large Text (above 18pt) WCAG AA × Fail

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 78.9523, 80.9661, 71.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

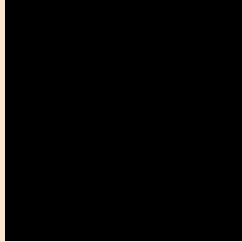
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9523, 80.9661, 71.7884

Background



This preview shows how black text looks on a background with the XYZ color 78.9523, 80.9661, 71.7884.



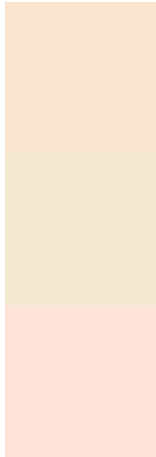
This preview shows how white text looks on a background with the XYZ color 78.9523, 80.9661,

71.7884.

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

78.9523, 80.9661, 71.7884

Protanopia

77.1074, 81.2436, 72.5904

Deuteranopia

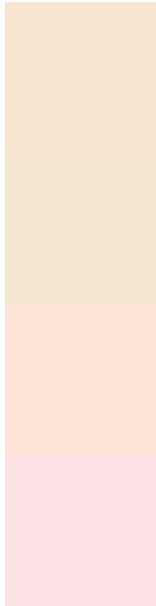
81.2335, 81.2079, 77.0389



Tritanopia

83.5557, 80.7929, 95.1951

Trichromacy



Original Color

78.9523, 80.9661, 71.7884

Protanomaly

77.8650, 81.2174, 72.5454

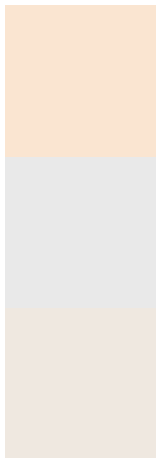
Deuteranomaly

80.3890, 81.2245, 75.0593

Tritanomaly

81.9873, 80.9885, 86.1741

Monochromacy



Original Color

78.9523, 80.9661, 71.7884

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9078, 81.4458, 82.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9523, 80.9661, 71.7884 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, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 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, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 209) }
```

Border

The CSS property to change the border of an element to XYZ 78.9523, 80.9661, 71.7884 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, 229, 209) }
```


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

```
.border{ border-color:rgb(250, 229, 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, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9523, 80.9661, 71.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 209) }
```

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

```
.background{ background-color: rgb(250,  
229, 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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