

Converting Colors

XYZ(78.1319, 81.5341, 55.8761)

Have a look what the booklet for
XYZ(78.1319, 81.5341, 55.8761)
contains.

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Color

**XYZ(78.2594, 81.7892,
55.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7B6
RGB	255, 231, 182
RGB Percent	100%, 91%, 71%
CMY	0.0000, 0.0941, 0.2863
CMYK	0.00, 0.09, 0.29, 0.00
HSL	40°, 100%, 86%
HSV	40°, 29%, 100%
XYZ	78.2594, 81.7892, 55.9182
YIQ	232.5900, 30.0330, -10.1510

Conversions

Conversions Part 2

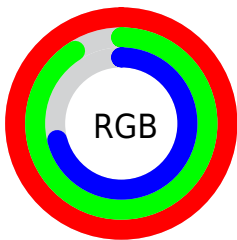
Format	Color
R _Y B	218, 255, 182
Decimal	16770998
CIE Lab	92.48, 1.04, 26.87
CIE LCh	92, 26.895, 87.778
Yxy	81.7892, 0.3624, 0.3787
Android (android.graphics.Color)	4294961078 (0xFFFFE7B6)
YUV	232.5900, -24.9409, 19.6536
Hunter-Lab	90.4374, -3.8016, 26.6467

Details

The XYZ color **78.2594, 81.7892, 55.9182** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.4122, 61.3059, 103.3096**, and the grayscale version is **77.3113, 81.3375, 88.5765**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **42.5137, 44.5060, 27.1187** is the 20% darker color. If you saturate the color by 10%, you get **73.5709, 76.2524, 42.5165**, and if you desaturate by 10%, it is **83.5442, 87.7500, 71.8880**.

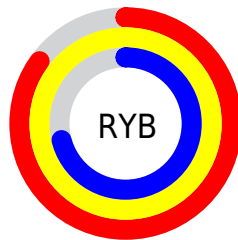
Distribution



Red (100%)

Green (91%)

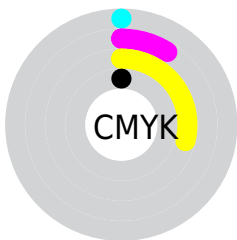
Blue (71%)



Red (85%)

Yellow (100%)

Blue (71%)

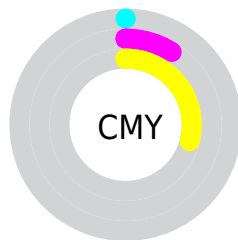


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2594, 81.7892, 55.9182 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 78.2594, 81.7892, 55.9182 by changing the saturation by 10% instead.


 78.2594, 81.7892,
55.9182

 78.2594, 81.7892,
55.9182


477.8737,
500.9423, 426.7628

 58.5906, 61.1918,
39.7338

 129.8792,
135.8783, 100.3696

 42.5288, 44.3800,
27.0188


162.5609,
170.1389, 129.4736

 29.7085, 30.9693,
17.3548


200.3109,
209.7226, 163.7213

 19.7644, 20.5755,
10.3232

243.4946,
255.0138, 203.5311

 12.3311, 12.8141,
5.5053

292.4774,
306.3970, 249.3216

 7.0434, 7.3006,
2.4828

347.6246,

 3.5358, 3.6508,

364.2566, 301.5114

0.8310

409.3016,
428.9769, 360.5189

■ 1.4431, 1.4802,
0.0000

■ 0.2866, 0.2747,
0.0000

■ 78.2594, 81.7892,
55.9182

■ 78.2594, 81.7892,
55.9182

■ 73.5709, 76.2524,
42.5165

■ 83.5442, 87.7500,
71.8880

■ 69.4450, 71.1151,
31.5399

■ 89.4449, 94.1365,
90.5483

■ 65.8537, 66.3663,
22.8394

95.0500, 100.0000,
108.9000

■ 62.7635, 61.9901,
16.2471

■ 60.1365, 57.9686,
11.5717

■ 57.9282, 54.2814,
8.5868

■ 56.0756, 50.9005,
6.9698

■ 55.8377, 50.4555,
6.7959

Harmonies

Analogous

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



85.1122, 81.7892, 60.3476



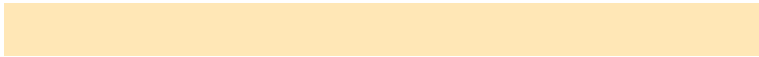
78.2594, 81.7892, 55.9182



71.6527, 81.7892, 59.2058

Triad

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



78.2594, 81.7892, 55.9182



66.4637, 81.7892, 108.1853



89.6475, 81.7892, 111.1491

Complementary

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



78.2594, 81.7892, 55.9182



59.4122, 61.3059, 103.3096

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.



84.1589, 81.7892, 127.5519



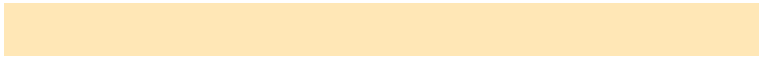
78.2594, 81.7892, 55.9182



70.8029, 81.7892, 125.6688

Square

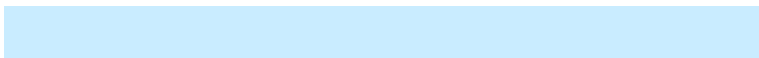
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2594, 81.7892, 55.9182



65.0898, 81.7892, 87.5734



77.2193, 81.7892, 133.2226



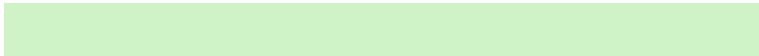
91.9273, 81.7892, 90.5523

Rectangle

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



78.2594, 81.7892, 55.9182



68.2215, 81.7892, 65.6525



77.2193, 81.7892, 133.2226



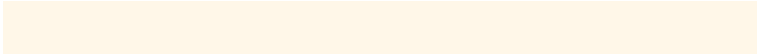
88.1011, 81.7892, 117.4458

Sweetspot

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



78.2614, 81.7929, 55.9199



89.2132, 93.8902, 89.8018



69.1497, 59.1893, 66.3860



18.9038, 19.8922, 18.6066



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

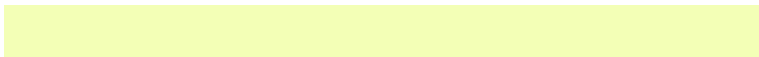
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2614, 81.7929, 55.9199



75.6691, 78.7648, 48.4074



81.1085, 93.9226, 58.1111



19.0286, 20.0253, 19.0067



29.3187, 26.6486, 3.5984



2.9546, 2.7946, 0.3837

Inverse Universe

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



59.4122, 61.3059, 103.3096



54.1827, 55.4183, 102.4488



57.0698, 52.1684, 101.6693



17.4906, 18.3529, 22.8705



11.2014, 7.3123, 50.2556



1.1856, 0.9020, 4.9249

Previews

White Background



This preview shows how the XYZ color 78.2594, 81.7892, 55.9182 looks on a white background.

Color Contrast Check

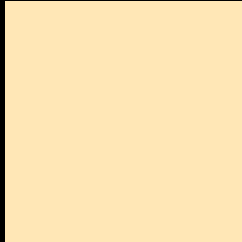
Large Text (above 18pt) WCAG AA × Fail

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 78.2594, 81.7892, 55.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

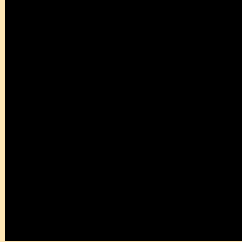
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2594, 81.7892, 55.9182

Background



This preview shows how black text looks on a background with the XYZ color 78.2594, 81.7892, 55.9182.



This preview shows how white text looks on a background with the XYZ color 78.2594, 81.7892,

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

78.2594, 81.7892, 55.9182

Protanopia

76.7531, 81.8365, 56.5504

Deuteranopia

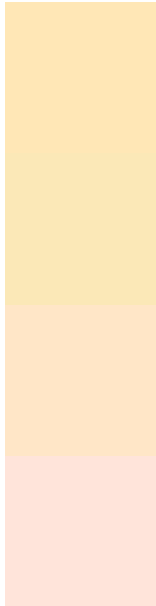
80.7679, 81.9021, 71.8734



Tritanopia

84.0163, 81.8847, 93.0385

Trichromacy



Original Color

78.2594, 81.7892, 55.9182

Protanomaly

77.1875, 81.6414, 56.4899

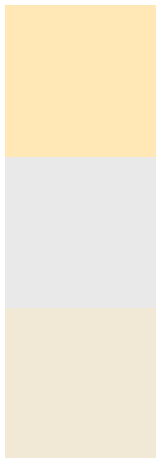
Deuteranomaly

79.8456, 81.9771, 65.6477

Tritanomaly

81.6383, 81.8088, 77.8175

Monochromacy



Original Color

78.2594, 81.7892, 55.9182

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.2698, 81.2690, 75.2323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2594, 81.7892, 55.9182 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, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 182)  
}
```

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, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 182) }
```

Border

The CSS property to change the border of an element to XYZ 78.2594, 81.7892, 55.9182 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, 231, 182) }
```


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

```
.border{ border-color:rgb(255, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2594, 81.7892, 55.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 182) }
```

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

```
.background{ background-color: rgb(255,  
231, 182) }
```

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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