

Converting Colors

XYZ(77.7899, 81.4095, 54.0372)

Have a look what the booklet for
XYZ(77.7899, 81.4095, 54.0372)
contains.

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Color

**XYZ(77.9526, 81.6665,
54.3025)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7B3
RGB	255, 231, 179
RGB Percent	100%, 91%, 70%
CMY	0.0000, 0.0941, 0.2980
CMYK	0.00, 0.09, 0.30, 0.00
HSL	41°, 100%, 85%
HSV	41°, 30%, 100%
XYZ	77.9526, 81.6665, 54.3025
YIQ	232.2480, 30.9960, -11.0840

Conversions

Conversions Part 2

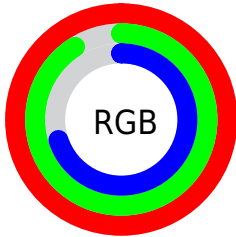
Format	Color
R_{YB}	214, 255, 179
Decimal	16770995
CIE _{Lab}	92.43, 0.66, 28.34
CIE _{LCh}	92, 28.347, 88.659
Yxy	81.6665, 0.3644, 0.3818
Android (android.graphics.Color)	4294961075 (0xFFFFE7B3)
YUV	232.2480, -26.2513, 19.9535
Hunter-Lab	90.3695, -4.1728, 27.6317

Details

The XYZ color **77.9526, 81.6665, 54.3025** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.9958, 59.5138, 103.0383**, and the grayscale version is **77.0635, 81.0768, 88.2926**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **42.3172, 44.4273, 26.0836** is the 20% darker color. If you saturate the color by 10%, you get **73.4072, 76.3282, 41.2187**, and if you desaturate by 10%, it is **83.0826, 87.4102, 69.9359**.

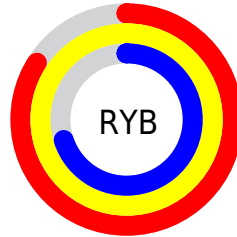
Distribution



Red (100%)

Green (91%)

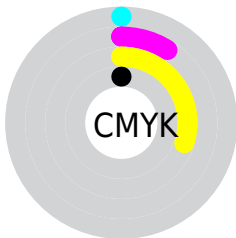
Blue (70%)



Red (84%)

Yellow (100%)

Blue (70%)

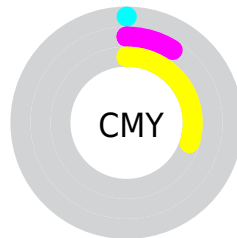


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9526, 81.6665, 54.3025 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 77.9526, 81.6665, 54.3025 by changing the saturation by 10% instead.


 77.9526, 81.6665,
54.3025

 77.9526, 81.6665,
54.3025

476.8481,
500.5315, 420.4697

 58.3377, 61.0907,
38.4487


 129.4490,
135.7062, 97.9791

 42.3245, 44.2984,
26.0266


162.0612,
169.9389, 126.6391

 29.5477, 30.9051,
16.6176


199.7366,
209.4927, 160.4048

 19.6419, 20.5266,
9.8032

242.8405,
254.7519, 199.6949

 12.2417, 12.7784,
5.1648

291.7382,
306.1010, 244.9279

 6.9819, 7.2761,
2.2838

346.7952,

 3.4970, 3.6354,

363.9244, 296.5224

0.7221

408.3767,
428.6064, 354.8968

■ 1.4217, 1.4718,
0.0000

■ 0.2716, 0.2687,
0.0000

■ 77.9526, 81.6665,
54.3025

■ 77.9526, 81.6665,
54.3025

■ 73.4072, 76.3282,
41.2187

■ 83.0826, 87.4102,
69.9359

■ 69.4127, 71.3711,
30.5403

■ 88.8170, 93.5608,
88.2423

■ 65.9408, 66.7844,
22.1165

95.0500, 100.0000,
108.9000

■ 62.9579, 62.5524,
15.7771

■ 60.4256, 58.6574,
11.3276

■ 58.2986, 55.0789,
8.5360

■ 56.5050, 51.7856,
7.0319

■ 56.4715, 51.7230,
7.0072

Harmonies

Analogous

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



85.2021, 81.6665, 58.6543



77.9526, 81.6665, 54.3025



71.0429, 81.6665, 57.9398

Triad

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



77.9526, 81.6665, 54.3025



65.8758, 81.6665, 109.7654



90.3203, 81.6665, 111.6632

Complementary

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



77.9526, 81.6665, 54.3025



57.9958, 59.5138, 103.0383

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.



84.5943, 81.6665, 129.3476



77.9526, 81.6665, 54.3025



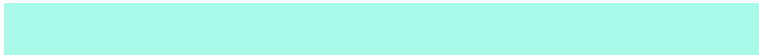
70.5046, 81.6665, 128.1360

Square

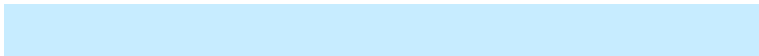
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9526, 81.6665, 54.3025



64.3404, 81.6665, 87.9776



77.2915, 81.6665, 135.7997



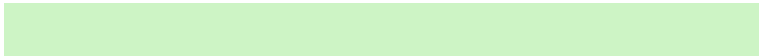
92.6151, 81.6665, 89.8710

Rectangle

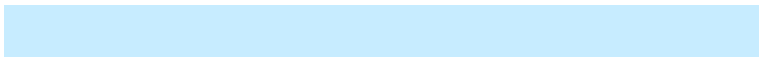
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9526, 81.6665, 54.3025



67.4930, 81.6665, 64.7889



77.2915, 81.6665, 135.7997



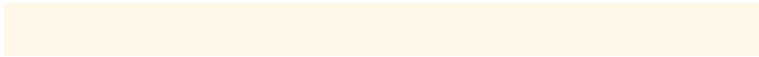
88.7159, 81.6665, 118.4053

Sweetspot

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



77.9546, 81.6702, 54.3042



89.3045, 94.0729, 89.8322



68.1481, 57.8161, 64.1103



18.9264, 19.9373, 18.6141



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

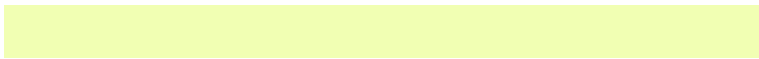
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9546, 81.6702, 54.3042



75.0699, 78.3137, 45.9038



80.1954, 93.4873, 56.4670



19.0492, 20.0665, 19.0136



29.6476, 27.3064, 3.7081



2.9848, 2.8550, 0.3938

Inverse Universe

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



57.9958, 59.5138, 103.0383



52.0850, 52.8071, 102.0554



56.1463, 50.7899, 101.4520



17.4710, 18.3135, 22.8640



11.0674, 7.0443, 50.2110



1.1707, 0.8721, 4.9199

Previews

White Background



This preview shows how the XYZ color 77.9526, 81.6665, 54.3025 looks on a white background.

Color Contrast Check

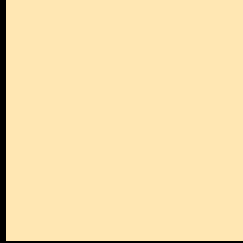
Large Text (above 18pt) WCAG AA × Fail

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 77.9526, 81.6665, 54.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

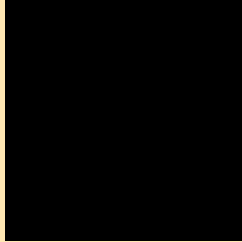
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9526, 81.6665, 54.3025

Background



This preview shows how black text looks on a background with the XYZ color 77.9526, 81.6665, 54.3025.



This preview shows how white text looks on a background with the XYZ color 77.9526, 81.6665,

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

77.9526, 81.6665, 54.3025

Protanopia

76.4441, 81.7129, 54.9231

Deuteranopia

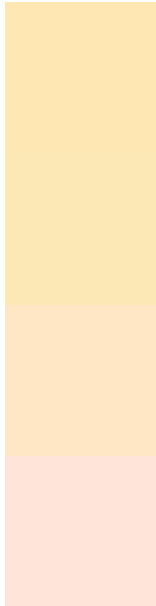
80.6445, 81.8527, 71.2232



Tritanopia

83.8690, 81.8258, 92.2625

Trichromacy



Original Color

77.9526, 81.6665, 54.3025

Protanomaly

76.8785, 81.5177, 54.8626

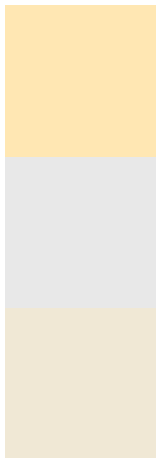
Deuteranomaly

79.6149, 81.8848, 64.4325

Tritanomaly

81.5078, 81.7566, 77.1303

Monochromacy



Original Color

77.9526, 81.6665, 54.3025

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8020, 81.0426, 74.5457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9526, 81.6665, 54.3025 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 179) }
```

Border

The CSS property to change the border of an element to XYZ 77.9526, 81.6665, 54.3025 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, 179) }
```


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

```
.border{ border-color:rgb(255, 231, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9526, 81.6665, 54.3025 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
231, 179) }
```

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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