

Converting Colors

XYZ(74.2285, 78.0374, 41.2874)

Have a look what the booklet for XYZ(74.2285, 78.0374, 41.2874) contains.

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Color

**XYZ(74.1861, 77.9526,
41.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE299
RGB	255, 226, 153
RGB Percent	100%, 89%, 60%
CMY	0.0000, 0.1137, 0.4000
CMYK	0.00, 0.11, 0.40, 0.00
HSL	43°, 100%, 80%
HSV	43°, 40%, 100%
XYZ	74.1861, 77.9526, 41.2733
YIQ	226.3490, 40.7170, -16.5550

Conversions

Conversions Part 2

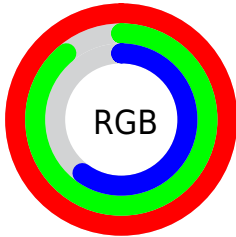
Format	Color
R _Y B	194, 255, 153
Decimal	16769689
CIE Lab	90.76, 0.20, 39.32
CIE LCh	91, 39.323, 89.715
Yxy	77.9526, 0.3836, 0.4030
Android (android.graphics.Color)	4294959769 (0xFFFFE299)
YUV	226.3490, -36.1611, 25.1269
Hunter-Lab	88.2908, -4.5247, 34.0872

Details

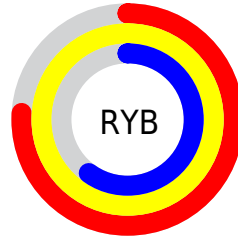
The XYZ color **74.1861, 77.9526, 41.2733** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.9143, 47.4466, 101.2404**, and the grayscale version is **72.7760, 76.5660, 83.3804**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **39.9378, 41.9357, 18.3014** is the 20% darker color. If you saturate the color by 10%, you get **70.3720, 73.3423, 30.6982**, and if you desaturate by 10%, it is **78.5375, 82.9169, 54.2495**.

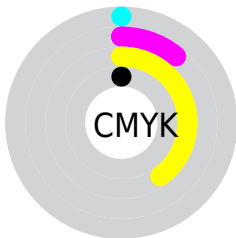
Distribution



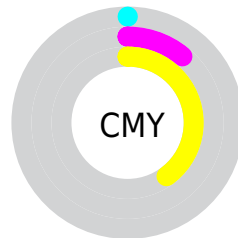
- Red (100%)
- Green (89%)
- Blue (60%)



- Red (76%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1861, 77.9526, 41.2733 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 74.1861, 77.9526, 41.2733 by changing the saturation by 10% instead.

 74.1861, 77.9526,
41.2733


 74.1861, 77.9526,
41.2733


464.1558,
488.0058, 367.1720

 55.2382, 58.0350,
28.2114


 124.1537,
130.4833, 78.3568

 39.8271, 41.8368,
18.2446


 155.9040,
163.8652, 103.2154

 27.5873, 28.9735,
10.9545


192.6526,
202.5041, 132.8434

 18.1537, 19.0608,
5.9225

234.7647,
246.7842, 167.6592

 11.1607, 11.7142,
2.7300

282.6057,
297.0901, 208.0814

 6.2431, 6.5494,
0.9585

336.5410,

 3.0355, 3.1819,

353.8060, 254.5286

0.0000

396.9359,
417.3165, 307.4193

■ 1.1726, 1.2274,
0.0000

■ 0.0846, 0.0839,
0.0000

■ 74.1861, 77.9526,
41.2733

■ 74.1861, 77.9526,
41.2733

■ 70.3720, 73.3423,
30.6982

■ 78.5375, 82.9169,
54.2495

■ 67.0594, 69.0614,
22.3667

■ 83.4478, 88.2368,
69.7614

■ 64.2170, 65.0987,
16.1101

■ 88.9443, 93.9276,
87.9389

■ 61.8066, 61.4372,
11.7332

95.0499, 100.0000,
108.9000

■ 59.7833, 58.0571,
9.0036

■ 58.0737, 54.9274,
7.5413

■ 58.0735, 54.9272,
7.5412

Harmonies

Analogous

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



84.0891, 77.9526, 46.0358



74.1861, 77.9526, 41.2733



65.0696, 77.9526, 45.8562

Triad

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



74.1861, 77.9526, 41.2733



58.7892, 77.9526, 114.7977



91.7337, 77.9526, 115.3717

Complementary

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



74.1861, 77.9526, 41.2733



47.9143, 47.4466, 101.2404

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.



83.9112, 77.9526, 141.4298



74.1861, 77.9526, 41.2733



64.9197, 77.9526, 141.0499

Square

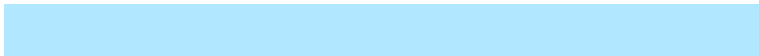
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1861, 77.9526, 41.2733



56.6745, 77.9526, 84.6069



73.9972, 77.9526, 151.7229



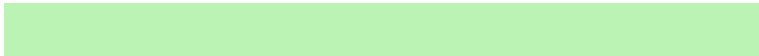
94.7549, 77.9526, 85.1479

Rectangle

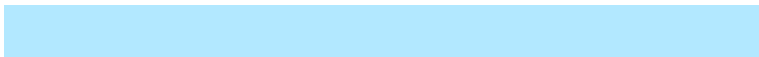
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1861, 77.9526, 41.2733



60.5261, 77.9526, 54.3389



73.9972, 77.9526, 151.7229



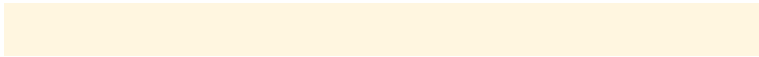
89.5462, 77.9526, 125.1325

Sweetspot

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



74.1880, 77.9562, 41.2749



87.7965, 92.7588, 84.0826



61.2416, 47.4872, 51.0669



18.6345, 19.6926, 17.4711



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.



74.1880, 77.9562, 41.2749



71.0937, 74.2376, 32.6279



75.6390, 91.4141, 43.7961



19.0993, 20.1667, 19.0303



30.4783, 28.9678, 3.9850



3.0607, 3.0067, 0.4190

Inverse Universe

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



47.9143, 47.4466, 101.2404



41.5506, 39.9556, 100.1300



46.7641, 38.9333, 99.6578



17.4234, 18.2185, 22.8482



10.7677, 6.4449, 50.1111



1.1366, 0.8039, 4.9085

Previews

White Background



This preview shows how the XYZ color 74.1861, 77.9526, 41.2733 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 74.1861, 77.9526, 41.2733 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 74.1861, 77.9526, 41.2733

Background



This preview shows how black text looks on a background with the XYZ color 74.1861, 77.9526, 41.2733.



This preview shows how white text looks on a background with the XYZ color 74.1861, 77.9526,

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

74.1861, 77.9526, 41.2733

Protanopia

72.5634, 78.3282, 41.8662

Deuteranopia

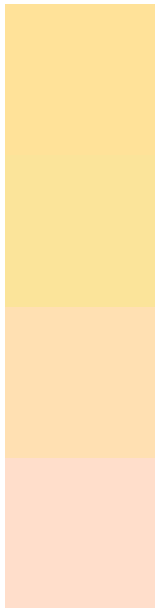
77.1421, 77.8411, 60.8282



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

74.1861, 77.9526, 41.2733

Protanomaly

73.3598, 78.3291, 41.8244

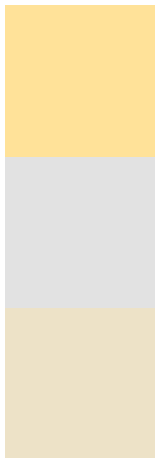
Deuteranomaly

75.9315, 77.7857, 53.1316

Tritanomaly

78.1408, 77.8143, 67.4011

Monochromacy



Original Color

74.1861, 77.9526, 41.2733

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4302, 76.5208, 64.9853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1861, 77.9526, 41.2733 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, 226, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 153)  
}
```

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, 226, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 153) }
```

Border

The CSS property to change the border of an element to XYZ 74.1861, 77.9526, 41.2733 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, 226, 153) }
```


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

```
.border{ border-color:rgb(255, 226, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1861, 77.9526, 41.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 153) }
```

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

```
.background{ background-color: rgb(255,  
226, 153) }
```

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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