

Converting Colors

XYZ(74.2800, 84.5115, 53.9923)

Have a look what the booklet for
XYZ(74.2800, 84.5115, 53.9923)
contains.

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Color

**XYZ(74.2800, 84.5115,
53.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF2B1
RGB	236, 242, 177
RGB Percent	93%, 95%, 69%
CMY	0.0745, 0.0510, 0.3059
CMYK	0.02, 0.00, 0.27, 0.05
HSL	66°, 71%, 82%
HSV	66°, 27%, 95%
XYZ	74.2800, 84.5115, 53.9923
YIQ	232.7960, 17.2890, -21.4870

Conversions

Conversions Part 2

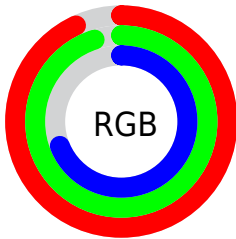
Format	Color
RYB	177, 242, 183
Decimal	15528625
CIELab	93.67, -12.17, 30.79
CIELCh	94, 33.106, 111.569
Yxy	84.5115, 0.3491, 0.3972
Android (android.graphics.Color)	4293718705 (0xFFECEF2B1)
YUV	232.7960, -27.5074, 2.8099
Hunter-Lab	91.9301, -16.6489, 29.5290

Details

The XYZ color **74.2800, 84.5115, 53.9923** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **51.2809, 47.9246, 90.5568**, and the grayscale version is **77.4918, 81.5274, 88.7833**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **40.0194, 46.2763, 25.8918** is the 20% darker color. If you saturate the color by 10%, you get **71.3417, 83.2539, 42.3606**, and if you desaturate by 10%, it is **77.6597, 85.9526, 67.8809**.

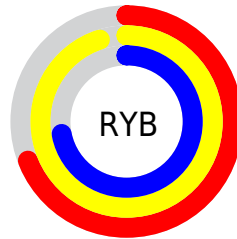
Distribution



Red (93%)

Green (95%)

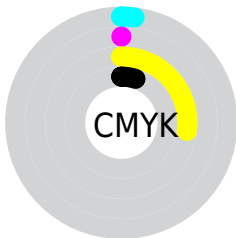
Blue (69%)



Red (69%)

Yellow (95%)

Blue (72%)

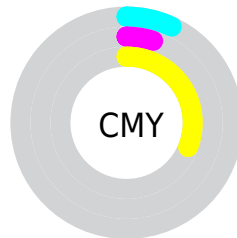


Cyan (2%)

Magenta (0%)

Yellow (27%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2800, 84.5115, 53.9923 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 74.2800, 84.5115, 53.9923 by changing the saturation by 10% instead.

74.2800, 84.5115,
53.9923

74.2800, 84.5115,
53.9923

464.4746,
510.0102, 419.2544

55.3153, 63.4378,
38.2024

124.2860,
139.6905, 97.5192

39.8891, 46.1955,
25.8367

156.0581,
174.5645, 126.0933

27.6359, 32.4001,
16.4769

192.8300,
214.8075, 159.7659

18.1904, 21.6673,
9.7042

234.9671,
260.8039, 198.9554

11.1873, 13.6126,
5.1003

282.8347,
312.9379, 244.0805

6.2612, 7.8518,
2.2464

336.7983,

3.0467, 4.0002,

371.5941, 295.5597

0.7010

397.2231,
437.1567, 353.8115

■ 1.1785, 1.6737,
0.0000

■ 0.0893, 0.4065,
0.0000

■ 74.2800, 84.5115,
53.9923

■ 74.2800, 84.5115,
53.9923

■ 71.3417, 83.2539,
42.3606

■ 77.6597, 85.9526,
67.8809

■ 68.8157, 82.1593,
32.8614

■ 81.4954, 87.5743,
84.1313

■ 66.6795, 81.2217,
25.3665

■ 85.8088, 89.3881,
102.8483

■ 64.9057, 80.4302,
19.7318

■ 87.4407, 90.1304,
107.3960

■ 63.4632, 79.7722,
15.7940

■ 88.2253, 90.5349,
107.4327

■ 62.3155, 79.2332,
13.3613

■ 89.0194, 90.9442,
107.4699

■ 61.4164, 78.7947,
12.1901

■ 89.8229, 91.3585,
107.5075

■ 61.1623, 78.6685,
11.9609

■ 90.6360, 91.7776,
107.5456

■ 91.0440, 91.9879,
107.5647

Harmonies

Analogous

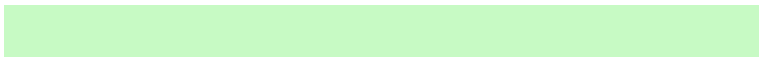
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8255, 84.5115, 52.0111



74.2800, 84.5115, 53.9923



67.8176, 84.5115, 65.1275

Triad

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



74.2800, 84.5115, 53.9923



70.2859, 84.5115, 135.3098



98.2025, 84.5115, 99.2885

Complementary

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



74.2800, 84.5115, 53.9923



51.2809, 47.9246, 90.5568

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.



94.2842, 84.5115, 125.4484



74.2800, 84.5115, 53.9923



77.8766, 84.5115, 148.5863

Square

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



74.2800, 84.5115, 53.9923



65.6312, 84.5115, 110.9546



86.6907, 84.5115, 144.6818



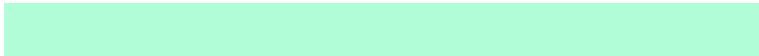
97.0644, 84.5115, 75.3699

Rectangle

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



74.2800, 84.5115, 53.9923



65.3554, 84.5115, 77.5681



86.6907, 84.5115, 144.6818



97.4234, 84.5115, 108.1609

Sweetspot

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



74.2822, 84.5153, 53.9941



91.2476, 98.3993, 92.4783



61.3700, 55.6806, 49.1090



19.3860, 21.0004, 19.1761



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

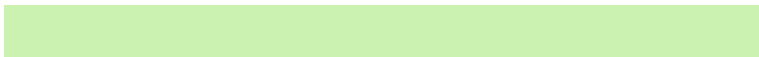
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2822, 84.5153, 53.9941



81.8621, 94.4107, 53.6469



64.6157, 79.5320, 53.5417



16.9705, 18.3805, 16.8031



32.9172, 42.2910, 6.4281



2.7801, 3.5397, 0.5367

Inverse Universe

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



51.2809, 47.9246, 90.5568



52.1122, 47.0772, 100.9479



59.7517, 52.2915, 90.9533



15.0327, 15.2986, 19.8822



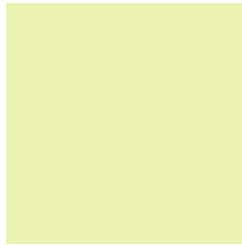
8.8404, 3.5628, 45.3496



0.7811, 0.3200, 3.7748

Previews

White Background



This preview shows how the XYZ color 74.2800, 84.5115, 53.9923 looks on a white background.

Color Contrast Check

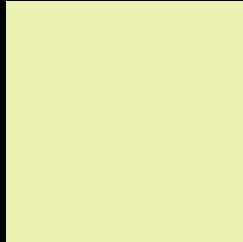
Large Text (above 18pt) WCAG AA × Fail

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 74.2800, 84.5115, 53.9923 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

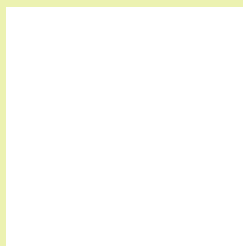
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2800, 84.5115, 53.9923

Background



This preview shows how black text looks on a background with the XYZ color 74.2800, 84.5115, 53.9923.

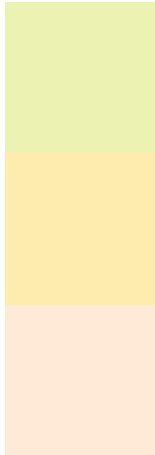


This preview shows how white text looks on a background with the XYZ color 74.2800, 84.5115,

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

74.2800, 84.5115, 53.9923

Protanopia

78.6064, 84.1569, 52.6583

Deuteranopia

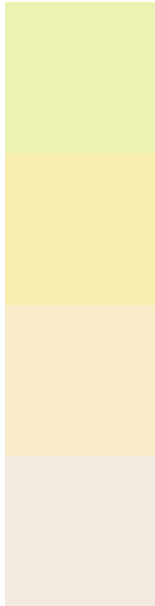
82.6447, 84.4441, 76.2335



Tritanopia

84.2752, 84.2711, 103.0910

Trichromacy



Original Color

74.2800, 84.5115, 53.9923

Protanomaly

76.7688, 84.0578, 53.2529

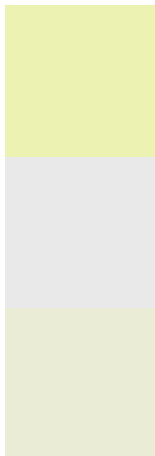
Deuteranomaly

79.2495, 84.1644, 67.3268

Tritanomaly

80.0679, 84.2500, 82.5628

Monochromacy



Original Color

74.2800, 84.5115, 53.9923

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9374, 82.2874, 74.8315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2800, 84.5115, 53.9923 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(236, 242, 177)` looks like.

```
.text, #text, p{  
    color:rgb(236, 242, 177)  
}
```

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(236, 242, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 242, 177) }
```

Border

The CSS property to change the border of an element to XYZ 74.2800, 84.5115, 53.9923 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(236, 242, 177) }
```


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

```
.border{ border-color:rgb(236, 242, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 242, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 242, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 242, 177); box-shadow:4px 4px 4px 4px rgb(236, 242, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2800, 84.5115, 53.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 242, 177) }
```

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

```
.background{ background-color: rgb(236,  
242, 177) }
```

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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