

Converting Colors

XYZ(74.4004, 82.0570, 30.0066)

Have a look what the booklet for
XYZ(74.4004, 82.0570, 30.0066)
contains.

| | |
|------------------------------------------------|----|
| XYZ(74.3995, 82.0571, 30.0065) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(74.3995, 82.0571,
30.0065)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEB79 |
| RGB | 255, 235, 121 |
| RGB Percent | 100%, 92%, 47% |
| CMY | 0.0000, 0.0784, 0.5255 |
| CMYK | 0.00, 0.08, 0.53, 0.00 |
| HSL | 51°, 100%, 74% |
| HSV | 51°, 53%, 100% |
| XYZ | 74.3995, 82.0571, 30.0065 |
| YIQ | 227.9840, 48.5140, -31.2140 |

Conversions

Conversions Part 2

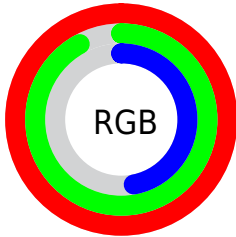
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 145, 255, 121 |
| Decimal | 16771961 |
| CIE _{Lab} | 92.60, -7.30, 57.09 |
| CIE _{LCh} | 93, 57.555, 97.289 |
| Yxy | 82.0571, 0.3990, 0.4401 |
| Android (android.graphics.Color) | 4294962041 (0xFFFFEB79) |
| YUV | 227.9840, -52.7431, 23.6930 |
| Hunter-Lab | 90.5854, -11.9189, 43.7699 |

Details

The XYZ color **74.3995, 82.0571, 30.0065** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.4599, 30.3338, 98.5934**, and the grayscale version is **74.0818, 77.9398, 84.8764**.

A 20% lighter version of the original color is **84.8365, 95.9146, 55.1163**, and **39.9284, 44.3933, 11.9332** is the 20% darker color. If you saturate the color by 10%, you get **71.9608, 79.3602, 22.4721**, and if you desaturate by 10%, it is **77.2787, 84.9735, 39.7283**.

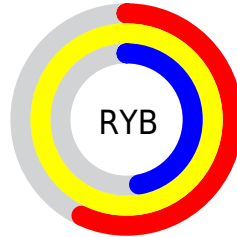
Distribution



Red (100%)

Green (92%)

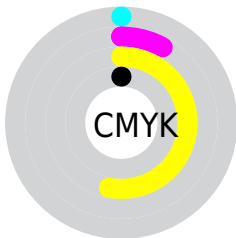
Blue (47%)



Red (57%)

Yellow (100%)

Blue (47%)

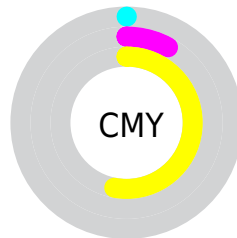


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3995, 82.0571, 30.0065 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 74.3995, 82.0571, 30.0065 by changing the saturation by 10% instead.


 74.3995, 82.0571,
30.0065

 74.3995, 82.0571,
30.0065


464.8801,
501.8387, 316.1430


 55.4135, 61.4126,
19.5914


 124.4544,
136.2541, 60.7336

 39.9680, 44.5582,
11.9173


 156.2541,
170.5753, 81.8827

 27.6977, 31.1096,
6.5655


 193.0557,
210.2243, 107.4469

 18.2372, 20.6823,
3.1176

235.2245,
255.5854, 137.8447

 11.2211, 12.8920,
1.1550

283.1261,
307.0430, 173.4946

 6.2842, 7.3542,
0.0000

337.1256,

 3.0609, 3.6846,

364.9815, 214.8153

0.0000

397.5885,
429.7852, 262.2253

■ 1.1861, 1.4987,
0.0000

■ 0.0953, 0.2878,
0.0000

■ 74.3995, 82.0571,
30.0065

■ 74.3995, 82.0571,
30.0065

■ 71.9608, 79.3602,
22.4721

■ 77.2787, 84.9735,
39.7283

■ 69.9233, 76.8579,
16.9446

■ 80.6223, 88.1102,
51.7890

■ 68.2502, 74.5381,
13.2229

■ 84.4596, 91.4821,
66.3324

■ 66.8949, 72.3820,
11.0616

■ 88.8153, 95.0993,
83.4891

■ 66.0404, 70.8611,
10.1968

■ 93.7127, 98.9713,
103.3809

95.0498, 99.9999,
108.9000

Harmonies

Analogous

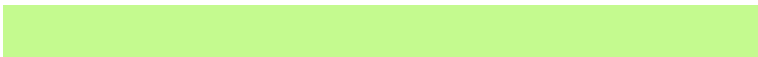
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6355, 82.0571, 32.8572



74.3995, 82.0571, 30.0065



61.8298, 82.0571, 38.5202

Triad

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



74.3995, 82.0571, 30.0065



57.2707, 82.0571, 149.1342



107.6546, 82.0571, 125.0806

Complementary

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



74.3995, 82.0571, 30.0065



35.4599, 30.3338, 98.5934

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.



96.7524, 82.0571, 172.2330



74.3995, 82.0571, 30.0065



67.4046, 82.0571, 188.9368

Square

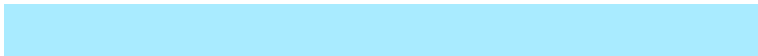
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3995, 82.0571, 30.0065



52.7955, 82.0571, 100.2124



81.7000, 82.0571, 198.5224



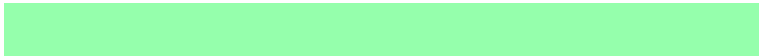
110.1507, 82.0571, 79.2954

Rectangle

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



74.3995, 82.0571, 30.0065



56.2046, 82.0571, 51.8083



81.7000, 82.0571, 198.5224



104.7895, 82.0571, 141.6763

Sweetspot

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



74.4015, 82.0609, 30.0082



87.2518, 93.8225, 77.2632



52.8930, 36.8616, 29.5666



18.4824, 19.9219, 15.7756



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

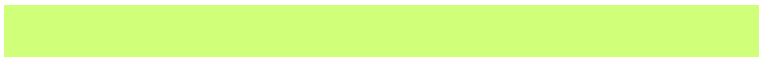
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4015, 82.0609, 30.0082



71.8605, 79.2432, 22.1802



65.2520, 86.3248, 31.3134



19.3167, 20.6016, 19.1027



34.5954, 37.2019, 5.3573



3.4284, 3.7422, 0.5416

Inverse Universe

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



35.4599, 30.3338, 98.5934



29.2182, 22.6505, 97.4398



41.0153, 29.2096, 98.0836



17.2217, 17.8150, 22.7809



9.8596, 4.6287, 49.8084



1.0216, 0.5738, 4.8702

Previews

White Background



This preview shows how the XYZ color 74.3995, 82.0571, 30.0065 looks on a white background.

Color Contrast Check

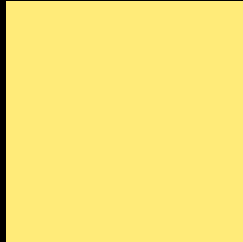
Large Text (above 18pt) WCAG AA × Fail

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 74.3995, 82.0571, 30.0065 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 74.3995, 82.0571, 30.0065

Background



This preview shows how black text looks on a background with the XYZ color 74.3995, 82.0571, 30.0065.



This preview shows how white text looks on a background with the XYZ color 74.3995, 82.0571,

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

74.3995, 82.0571, 30.0065

Protanopia

75.5453, 82.0586, 37.4484

Deuteranopia

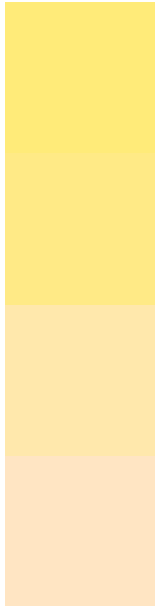
80.0794, 82.0707, 66.8789



Tritanopia

83.7224, 81.7671, 91.4908

Trichromacy



Original Color

74.3995, 82.0571, 30.0065

Protanomaly

74.9659, 81.8269, 34.3973

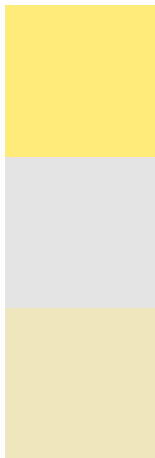
Deuteranomaly

77.5430, 81.9518, 50.7610

Tritanomaly

79.1096, 81.2388, 63.1409

Monochromacy



Original Color

74.3995, 82.0571, 30.0065

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0211, 79.0031, 59.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3995, 82.0571, 30.0065 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, 235, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 121)  
}
```

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, 235, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 121) }
```

Border

The CSS property to change the border of an element to XYZ 74.3995, 82.0571, 30.0065 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, 235, 121) }
```


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

```
.border{ border-color:rgb(255, 235, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 235, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3995, 82.0571, 30.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 121) }
```

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

```
.background{ background-color: rgb(255,  
235, 121) }
```

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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