

Converting Colors

XYZ(74.9820, 84.6782, 62.8446)

Have a look what the booklet for
XYZ(74.9820, 84.6782, 62.8446)
contains.

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Color

**XYZ(74.9820, 84.6782,
62.8446)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E9F2C1 |
| RGB | 233, 242, 193 |
| RGB Percent | 91%, 95%, 76% |
| CMY | 0.0863, 0.0510, 0.2431 |
| CMYK | 0.04, 0.00, 0.20, 0.05 |
| HSL | 71°, 65%, 85% |
| HSV | 71°, 20%, 95% |
| XYZ | 74.9820, 84.6782, 62.8446 |
| YIQ | 233.7230, 10.3650, -17.1470 |

Conversions

Conversions Part 2

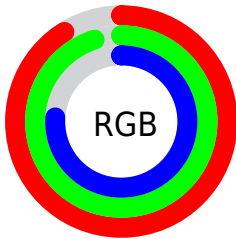
| Format | Color |
|-------------------------------------|---|
| RYB | 193, 242, 202 |
| Decimal | 15332033 |
| CIELab | 93.74, -11.03, 22.69 |
| CIELCh | 94, 25.235, 115.930 |
| Yxy | 84.6782, 0.3370, 0.3806 |
| Android (android.graphics.Color) | 4293522113 (0xFFE9F2C1) |
| YUV | 233.7230, -20.0764, -0.6341 |
| Hunter-Lab | 92.0208, -15.5878, 23.9231 |

Details

The XYZ color **74.9820, 84.6782, 62.8446** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.4575, 57.1096, 91.8987**, and the grayscale version is **78.1407, 82.2101, 89.5268**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **40.3506, 46.3290, 31.2418** is the 20% darker color. If you saturate the color by 10%, you get **71.0674, 82.9496, 49.7037**, and if you desaturate by 10%, it is **79.3795, 86.6099, 78.3175**.

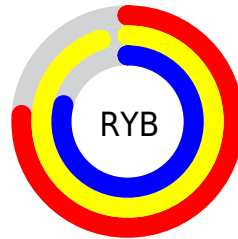
Distribution



Red (91%)

Green (95%)

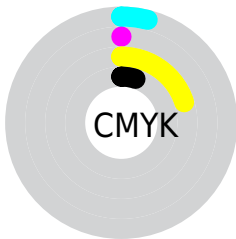
Blue (76%)



Red (76%)

Yellow (95%)

Blue (79%)

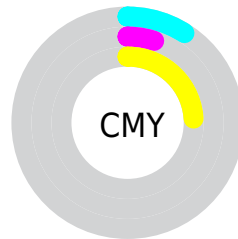


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9820, 84.6782, 62.8446 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 74.9820, 84.6782, 62.8446 by changing the saturation by 10% instead.

74.9820, 84.6782,
62.8446

74.9820, 84.6782,
62.8446

466.8538,
510.5626, 453.0977

55.8923, 63.5755,
45.2753

125.2749,
139.9235, 110.5287

40.3532, 46.3070,
31.3298

157.2088,
174.8349, 141.4806

27.9995, 32.4881,
20.5896

194.1548,
215.1180, 177.7304

18.4657, 21.7346,
12.6360

236.4783,
261.1571, 219.6967

11.3866, 13.6620,
7.0506

284.5446,
313.3368, 267.7981

6.3967, 7.8860,
3.4148

338.7190,

3.1307, 4.0221,

372.0413, 322.4530

1.3102

399.3670,
437.6552, 384.0800

■ 1.2232, 1.6859,
0.0701

■ 0.1246, 0.4145,
0.0000

■ 74.9820, 84.6782,
62.8446

■ 74.9820, 84.6782,
62.8446

■ 71.0674, 82.9496,
49.7037

■ 79.3795, 86.6099,
78.3175

■ 67.6073, 81.4041,
38.7762

■ 84.2734, 88.7416,
96.2224

■ 64.5803, 80.0360,
29.9417

■ 87.9303, 90.3827,
107.4189

■ 61.9607, 78.8351,
23.0656

■ 89.5120, 91.1981,
107.4930

■ 59.7198, 77.7897,
17.9981

■ 91.0439, 91.9879,
107.5646

■ 57.8247, 76.8867,
14.5675

■ 56.2362, 76.1104,
12.5692

■ 54.9195, 75.4501,
11.6688

Harmonies

Analogous

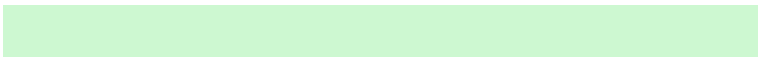
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4017, 84.6782, 60.0818



74.9820, 84.6782, 62.8446



70.2788, 84.6782, 73.0403

Triad

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



74.9820, 84.6782, 62.8446



73.4818, 84.6782, 126.2579



94.0281, 84.6782, 94.8430

Complementary

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



74.9820, 84.6782, 62.8446



59.4575, 57.1096, 91.8987

Split Complementary

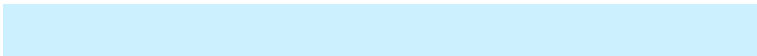
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6324, 84.6782, 114.4480



74.9820, 84.6782, 62.8446



79.5734, 84.6782, 134.1086

Square

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



74.9820, 84.6782, 62.8446



69.4470, 84.6782, 109.2901



86.2490, 84.6782, 129.5139



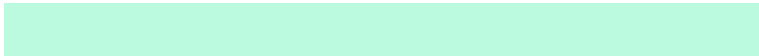
92.6327, 84.6782, 76.9917

Rectangle

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



74.9820, 84.6782, 62.8446



68.6252, 84.6782, 83.5199



86.2490, 84.6782, 129.5139



93.6361, 84.6782, 101.4619

Sweetspot

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



74.9842, 84.6819, 62.8464



91.6567, 98.5241, 96.3908



67.3632, 64.9632, 59.4420



19.5419, 21.0549, 20.3533



0.0000, 0.0000, 0.0000



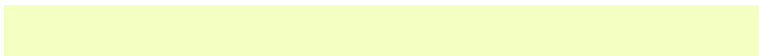
20.3446, 21.4041, 23.3091

Same Dimension

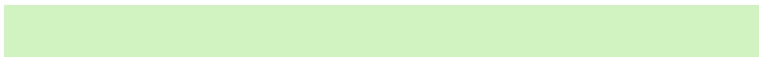
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9842, 84.6819, 62.8464



82.6978, 94.5950, 64.8213



67.5387, 80.8436, 62.4980



16.8215, 18.3036, 16.7961



29.6093, 40.5857, 6.2733



2.5363, 3.4140, 0.5253

Inverse Universe

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



59.4575, 57.1096, 91.8987



62.4871, 58.7004, 102.6446



66.6157, 60.7998, 92.2337



15.1682, 15.3684, 19.8886



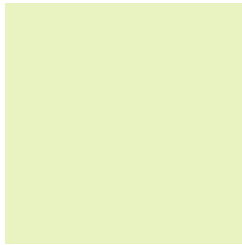
9.2610, 3.7796, 45.3693



0.8453, 0.3530, 3.7778

Previews

White Background



This preview shows how the XYZ color 74.9820, 84.6782, 62.8446 looks on a white background.

Color Contrast Check

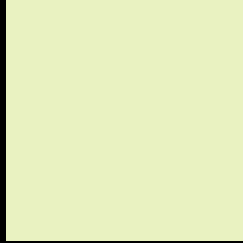
Large Text (above 18pt) WCAG AA × Fail

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 74.9820, 84.6782, 62.8446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

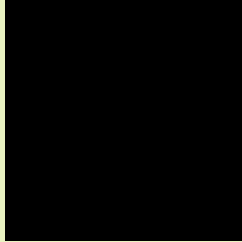
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

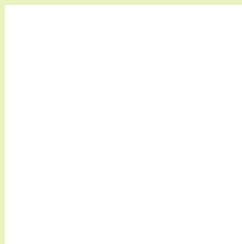
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9820, 84.6782, 62.8446

Background



This preview shows how black text looks on a background with the XYZ color 74.9820, 84.6782, 62.8446.

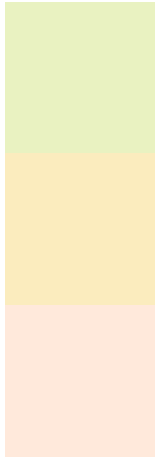


This preview shows how white text looks on a background with the XYZ color 74.9820, 84.6782,

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



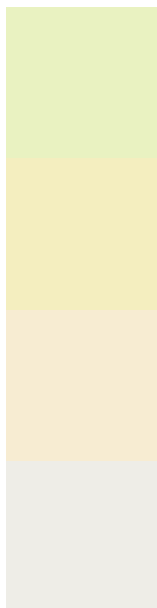
| |
|---------------------------|
| Original Color |
| 74.9820, 84.6782, 62.8446 |
| Protanopia |
| 79.0734, 84.2178, 60.8033 |
| Deuteranopia |
| 83.1651, 84.6523, 78.9741 |



Tritanopia

83.2691, 84.5747, 104.0313

Trichromacy



Original Color

74.9820, 84.6782, 62.8446

Protanomaly

77.2867, 84.1438, 61.4581

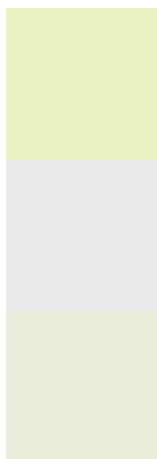
Deuteranomaly

79.9861, 84.4182, 73.0514

Tritanomaly

79.9679, 84.5150, 87.6996

Monochromacy



Original Color

74.9820, 84.6782, 62.8446

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0021, 83.1753, 79.0138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9820, 84.6782, 62.8446 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(233, 242, 193) looks like.

```
.text, #text, p{  
    color:rgb(233, 242, 193)  
}
```

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(233, 242, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 242, 193) }
```

Border

The CSS property to change the border of an element to XYZ 74.9820, 84.6782, 62.8446 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(233, 242, 193) }
```


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

```
.border{ border-color:rgb(233, 242, 193) }
```

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

Here you see how a box with a 4 pixel rgb(233, 242, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 242, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 242, 193);  
box-shadow:4px 4px 4px 4px rgb(233, 242,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9820, 84.6782, 62.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 242, 193) }
```

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

```
.background{ background-color: rgb(233,  
242, 193) }
```

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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