

Converting Colors

XYZ(74.4598, 81.3210, 69.4473)

Have a look what the booklet for
XYZ(74.4598, 81.3210, 69.4473)
contains.

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Color

**XYZ(74.3320, 81.1481,
69.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EBCD
RGB	233, 235, 205
RGB Percent	91%, 92%, 80%
CMY	0.0863, 0.0784, 0.1961
CMYK	0.01, 0.00, 0.13, 0.08
HSL	64°, 43%, 86%
HSV	64°, 13%, 92%
XYZ	74.3320, 81.1481, 69.5030
YIQ	230.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

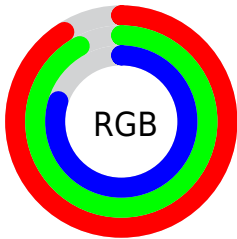
Format	Color
R_{YB}	205, 235, 207
Decimal	15330253
CIE _{Lab}	92.20, -5.71, 14.34
CIE _{LCh}	92, 15.437, 111.696
Yxy	81.1481, 0.3304, 0.3607
Android (android.graphics.Color)	4293520333 (0xFFE9EBCD)
YUV	230.9820, -12.8091, 1.7698
Hunter-Lab	90.0822, -10.3534, 17.3123

Details

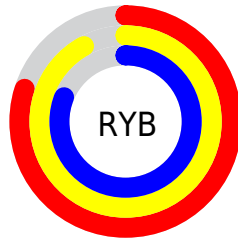
The XYZ color **74.3320, 81.1481, 69.5030** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.5621, 62.9284, 87.4507**, and the grayscale version is **76.0320, 79.9916, 87.1109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8375, 43.8217, 35.6369** is the 20% darker color. If you saturate the color by 10%, you get **71.1961, 79.8374, 55.6439**, and if you desaturate by 10%, it is **77.9030, 82.6387, 85.6099**.

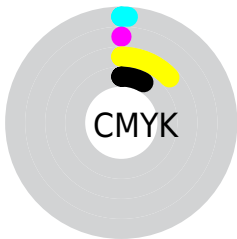
Distribution



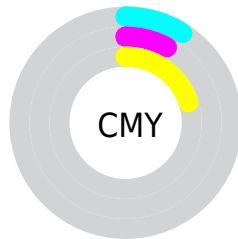
- Red (91%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3320, 81.1481, 69.5030 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 74.3320, 81.1481, 69.5030 by changing the saturation by 10% instead.

74.3320, 81.1481,
69.5030

74.3320, 81.1481,
69.5030

464.6511,
498.7936, 477.5449

55.3581, 60.6636,
50.6472

124.3593,
134.9787, 120.1742

39.9234, 43.9537,
35.5531

156.1434,
169.0936, 152.8266

27.6628, 30.6341,
23.8023

192.9282,
208.5207, 190.9150

18.2108, 20.3204,
14.9762

235.0791,
253.6444, 234.8578

11.2020, 12.6282,
8.6562

282.9615,
304.8492, 285.0737

6.2712, 7.1730,
4.4239

336.9407,

3.0529, 3.5705,

362.5194, 341.9812

1.8607

397.3821,
427.0394, 405.9987

■ 1.1818, 1.4364,
0.4675

■ 0.0919, 0.2433,
0.0000

■ 74.3320, 81.1481,
69.5030

■ 74.3320, 81.1481,
69.5030

■ 71.1961, 79.8374,
55.6439

■ 77.9030, 82.6387,
85.6099

■ 68.4697, 78.6885,
43.9277


■ 81.9204, 84.3056,
104.0529


■ 66.1348, 77.6966,
34.2488


■ 82.9234, 84.7674,
106.5990

■ 64.1691, 76.8529,
26.4908


■ 83.4522, 85.0400,
106.6237


 62.5483, 76.1477,
20.5254


 83.9856, 85.3150,
106.6487


 61.2450, 75.5700,
16.2087


 84.5237, 85.5924,
106.6738


 60.2279, 75.1073,
13.3750

 85.0663, 85.8722,
106.6992

 59.4586, 74.7443,
11.8235

 85.6137, 86.1543,
106.7249

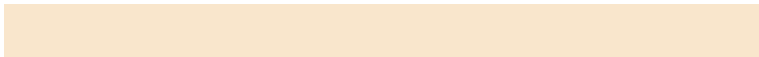
 59.0139, 74.5267,
11.2747

 86.1656, 86.4389,
106.7507

Harmonies

Analogous

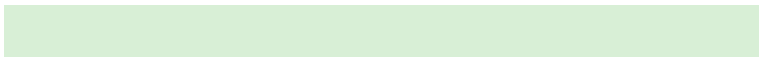
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2402, 81.1481, 68.3809



74.3320, 81.1481, 69.5030



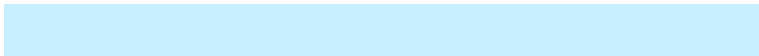
71.2735, 81.1481, 75.4464

Triad

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



74.3320, 81.1481, 69.5030



72.4784, 81.1481, 106.7109



84.9582, 81.1481, 91.5623

Complementary

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



74.3320, 81.1481, 69.5030



62.5621, 62.9284, 87.4507

Split Complementary

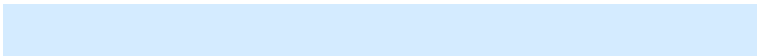
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2964, 81.1481, 102.6612



74.3320, 81.1481, 69.5030



76.0280, 81.1481, 111.8864

Square

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



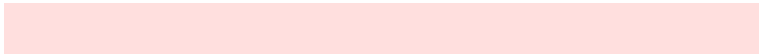
74.3320, 81.1481, 69.5030



70.2292, 81.1481, 96.7158



79.9950, 81.1481, 110.3439



84.4661, 81.1481, 80.4933

Rectangle

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



74.3320, 81.1481, 69.5030



70.0837, 81.1481, 81.6454



79.9950, 81.1481, 110.3439



84.6310, 81.1481, 95.4256

Sweetspot

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



74.3342, 81.1517, 69.5047



93.2006, 99.2313, 100.4676



67.5959, 66.6977, 67.0700



19.8764, 21.2095, 21.1756



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.



74.3342, 81.1517, 69.5047



88.5577, 97.2951, 79.5876



69.6442, 78.7339, 69.2853



16.2468, 17.5728, 16.0543



32.8856, 41.4976, 6.2766



2.6123, 3.2740, 0.4943

Inverse Universe

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



62.5621, 62.9284, 87.4507



72.1041, 71.8245, 104.6710



66.9535, 65.1922, 87.6563



14.3244, 14.5970, 18.9848



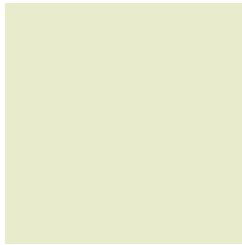
8.4986, 3.4171, 43.9546



0.7001, 0.2852, 3.4530

Previews

White Background



This preview shows how the XYZ color 74.3320, 81.1481, 69.5030 looks on a white background.

Color Contrast Check

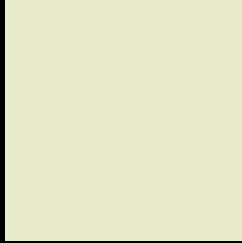
Large Text (above 18pt) WCAG AA × Fail

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 74.3320, 81.1481, 69.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

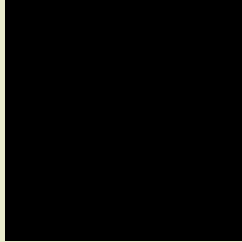
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

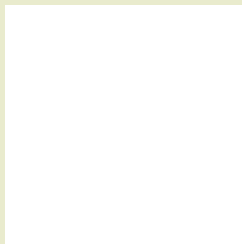
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3320, 81.1481, 69.5030

Background



This preview shows how black text looks on a background with the XYZ color 74.3320, 81.1481, 69.5030.

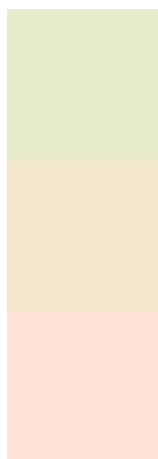


This preview shows how white text looks on a background with the XYZ color 74.3320, 81.1481,

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

74.3320, 81.1481, 69.5030

Protanopia

76.5983, 81.0797, 68.1127

Deuteranopia

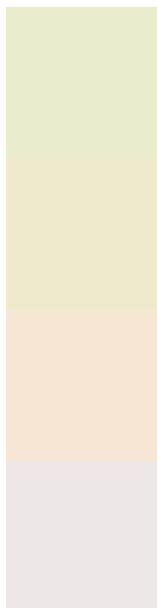
80.9748, 81.1045, 75.6769



Tritanopia

80.4044, 81.1047, 99.4127

Trichromacy



Original Color

74.3320, 81.1481, 69.5030

Protanomaly

75.6346, 80.9882, 68.7727

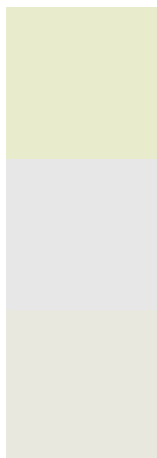
Deuteranomaly

78.4125, 81.0709, 73.1435

Tritanomaly

78.0665, 80.9825, 87.8606

Monochromacy



Original Color

74.3320, 81.1481, 69.5030

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3201, 80.1430, 80.6066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3320, 81.1481, 69.5030 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, 235, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 235, 205)  
}
```

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, 235, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 235, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.3320, 81.1481, 69.5030 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, 235, 205) }
```


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

```
.border{ border-color:rgb(233, 235, 205) }
```

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

Here you see how a box with a 4 pixel rgb(233, 235, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 235, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 235, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 235,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3320, 81.1481, 69.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 235, 205) }
```

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

```
.background{ background-color: rgb(233,  
235, 205) }
```

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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