

Converting Colors

XYZ(80.1031, 84.3116, 71.7272)

Have a look what the booklet for
XYZ(80.1031, 84.3116, 71.7272)
contains.

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Color

**XYZ(80.0920, 84.5014,
71.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ECD0
RGB	248, 236, 208
RGB Percent	97%, 93%, 82%
CMY	0.0274, 0.0745, 0.1843
CMYK	0.00, 0.05, 0.16, 0.03
HSL	42°, 74%, 89%
HSV	42°, 16%, 97%
XYZ	80.0920, 84.5014, 71.7636
YIQ	236.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

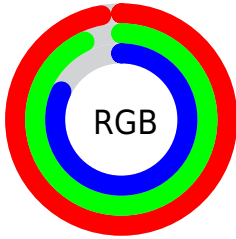
Format	Color
R _Y B	225, 248, 208
Decimal	16313552
CIE Lab	93.67, -0.44, 15.03
CIE LCh	94, 15.037, 91.677
Yxy	84.5014, 0.3389, 0.3575
Android (android.graphics.Color)	4294503632 (0xFFF8ECD0)
YUV	236.3960, -13.9992, 10.1767
Hunter-Lab	91.9246, -5.3448, 18.0608

Details

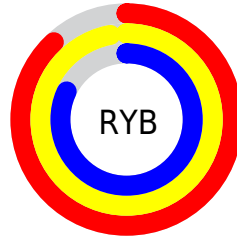
The XYZ color **80.0920, 84.5014, 71.7636** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.5486, 71.3721, 98.9709**, and the grayscale version is **80.1295, 84.3024, 91.8054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6399, 46.0520, 37.1607** is the 20% darker color. If you saturate the color by 10%, you get **75.1802, 79.1844, 56.2316**, and if you desaturate by 10%, it is **85.5747, 90.1951, 89.8416**.

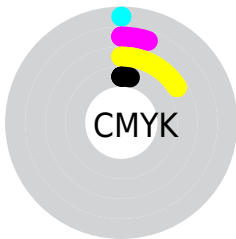
Distribution



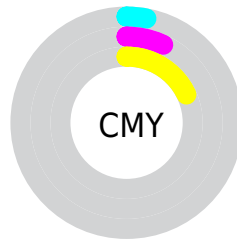
- Red (97%)
- Green (93%)
- Blue (82%)



- Red (88%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0920, 84.5014, 71.7636 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 80.0920, 84.5014, 71.7636 by changing the saturation by 10% instead.

 80.0920, 84.5014,
71.7636

 80.0920, 84.5014,
71.7636


483.9746,
509.9768, 485.6738

 60.1028, 63.4295,
52.4799


132.4449,
139.6763, 123.4250

 43.7513, 46.1887,
37.0029


165.5393,
174.5482, 156.6397

 30.6721, 32.3948,
24.9139


203.7329,
214.7887, 195.3353

 20.4999, 21.6632,
15.7945

247.3909,
260.7825, 239.9302

 12.8693, 13.6097,
9.2261

296.8787,
312.9137, 290.8429

 7.4150, 7.8497,
4.7901

352.5617,

 3.7716, 3.9989,

371.5669, 348.4921

2.0681

414.8052,
437.1265, 413.2962

■ 1.5737, 1.6730,
0.5967

■ 0.3752, 0.4061,
0.0000

■ 80.0920, 84.5014,
71.7636

■ 80.0920, 84.5014,
71.7636

■ 75.1802, 79.1844,
56.2316

■ 85.5747, 90.1951,
89.8416

■ 70.8092, 74.2218,
43.1235

■ 91.2214, 96.0960,
108.3482

■ 66.9565, 69.6057,
32.3151

■ 92.5217, 98.6966,
108.7817

■ 63.5949, 65.3235,
23.6689

■ 60.6943, 61.3614,
17.0328

■ 58.2211, 57.7039,
12.2345

■ 56.1358, 54.3335,
9.0726

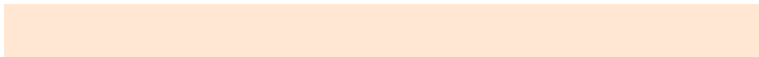
■ 54.3899, 51.2289,
7.2972

■ 53.7766, 50.0864,
6.8333

Harmonies

Analogous

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



84.0078, 84.5014, 74.0053



80.0920, 84.5014, 71.7636



76.3579, 84.5014, 74.5622

Triad

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



80.0920, 84.5014, 71.7636



73.9681, 84.5014, 104.0230



87.2540, 84.5014, 102.8204

Complementary

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



80.0920, 84.5014, 71.7636



68.5486, 71.3721, 98.9709

Split Complementary

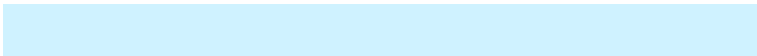
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4086, 84.5014, 111.9818



80.0920, 84.5014, 71.7636



76.7341, 84.5014, 112.7156

Square

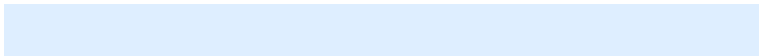
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0920, 84.5014, 71.7636



72.8955, 84.5014, 92.6514



80.5405, 84.5014, 115.7402



88.2238, 84.5014, 91.3669

Rectangle

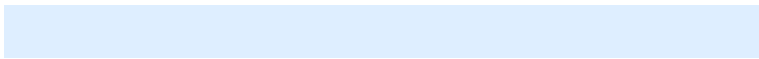
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0920, 84.5014, 71.7636



74.4516, 84.5014, 79.0558



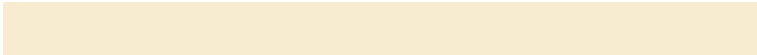
80.5405, 84.5014, 115.7402



86.4806, 84.5014, 106.3021

Sweetspot

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



80.0943, 84.5052, 71.7654



91.8570, 96.7906, 98.0425



74.1865, 70.2366, 77.3582



19.5678, 20.6224, 20.6708



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

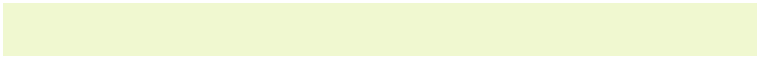
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0943, 84.5052, 71.7654



83.7465, 88.3409, 71.3810



80.8886, 90.2149, 72.8256



18.2623, 19.2604, 18.2175



29.1786, 27.3138, 3.7342



2.7951, 2.7151, 0.3768

Inverse Universe

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



68.5486, 71.3721, 98.9709



69.5339, 72.1753, 104.8741



67.8191, 66.4892, 98.0668



16.7073, 17.4915, 21.8809



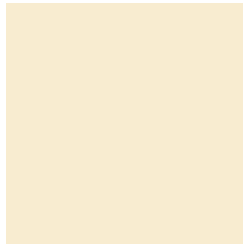
10.5955, 6.5467, 48.6787



1.0698, 0.7832, 4.5380

Previews

White Background



This preview shows how the XYZ color 80.0920, 84.5014, 71.7636 looks on a white background.

Color Contrast Check

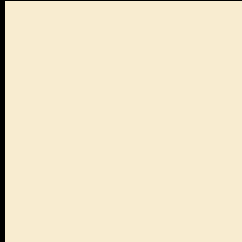
Large Text (above 18pt) WCAG AA × Fail

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 80.0920, 84.5014, 71.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

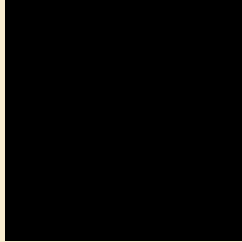
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0920, 84.5014, 71.7636

Background



This preview shows how black text looks on a background with the XYZ color 80.0920, 84.5014, 71.7636.



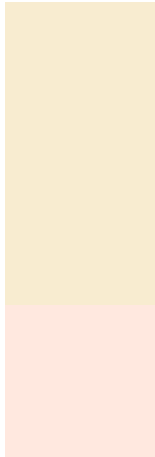
This preview shows how white text looks on a background with the XYZ color 80.0920, 84.5014,

71.7636.

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

80.0920, 84.5014, 71.7636

Protanopia

80.0920, 84.5014, 71.7636

Deuteranopia

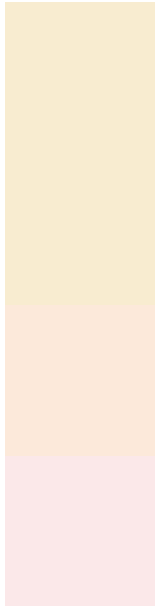
83.4159, 84.3009, 81.6873



Tritanopia

85.7481, 84.2536, 100.5501

Trichromacy



Original Color

80.0920, 84.5014, 71.7636

Protanomaly

80.0920, 84.5014, 71.7636

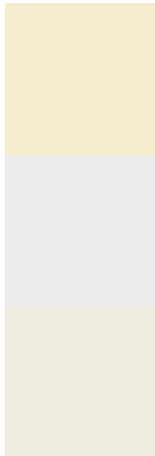
Deuteranomaly

81.9387, 84.0352, 78.2315

Tritanomaly

83.3483, 84.1056, 88.9319

Monochromacy



Original Color

80.0920, 84.5014, 71.7636

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.6581, 84.0072, 83.9681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0920, 84.5014, 71.7636 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(248, 236, 208) looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 208)  
}
```

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(248, 236, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 208) }
```

Border

The CSS property to change the border of an element to XYZ 80.0920, 84.5014, 71.7636 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(248, 236, 208) }
```


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

```
.border{ border-color:rgb(248, 236, 208) }
```

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

Here you see how a box with a 4 pixel rgb(248, 236, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0920, 84.5014, 71.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 208) }
```

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

```
.background{ background-color: rgb(248,  
236, 208) }
```

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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