

Converting Colors

XYZ(79.6089, 86.0095, 70.7982)

Have a look what the booklet for
XYZ(79.6089, 86.0095, 70.7982)
contains.

XYZ(79.6089, 86.0095, 70.7982)	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(79.6089, 86.0095,
70.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F0CE
RGB	244, 240, 206
RGB Percent	96%, 94%, 81%
CMY	0.0431, 0.0588, 0.1921
CMYK	0.00, 0.02, 0.16, 0.04
HSL	54°, 63%, 88%
HSV	54°, 16%, 96%
XYZ	79.6089, 86.0095, 70.7982
YIQ	237.3200, 13.2980, -9.7260

Conversions

Conversions Part 2

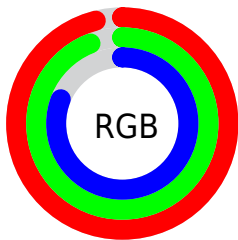
Format	Color
R _Y B	210, 244, 206
Decimal	16052430
CIE Lab	94.32, -4.19, 16.93
CIE LCh	94, 17.443, 103.889
Yxy	86.0095, 0.3367, 0.3638
Android (android.graphics.Color)	4294242510 (0xFFF4F0CE)
YUV	237.3200, -15.4408, 5.8584
Hunter-Lab	92.7413, -9.0733, 19.6573

Details

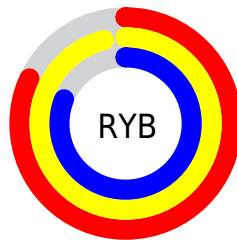
The XYZ color **79.6089, 86.0095, 70.7982** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.8292, 65.7454, 94.8619**, and the grayscale version is **80.8529, 85.0635, 92.6342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5470, 47.2393, 36.5287** is the 20% darker color. If you saturate the color by 10%, you get **76.1229, 83.4182, 56.1298**, and if you desaturate by 10%, it is **83.5704, 88.8139, 87.8974**.

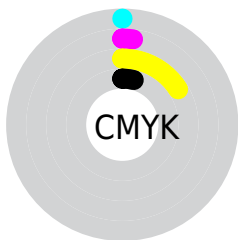
Distribution



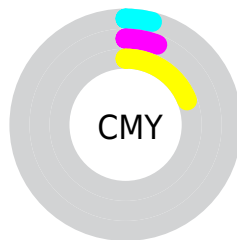
- Red (96%)
- Green (94%)
- Blue (81%)



- Red (82%)
- Yellow (96%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6089, 86.0095, 70.7982 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 79.6089, 86.0095, 70.7982 by changing the saturation by 10% instead.

79.6089, 86.0095,
70.7982

79.6089, 86.0095,
70.7982

482.3705,
514.9625, 482.2123

59.7039, 64.6758,
51.6967

131.7691,
141.7827, 122.0381

43.4286, 47.1983,
36.3828

164.7551,
176.9911, 155.0136

30.4175, 33.1924,
24.4380

202.8321,
217.5932, 193.4509

20.3054, 22.2739,
15.4436

246.3656,
263.9733, 237.7684

12.7268, 14.0583,
8.9812

295.7208,
316.5159, 288.3848

7.3164, 8.1612,
4.6323

351.2631,

3.7088, 4.1983,

375.6054, 345.7185

1.9782

413.3579,
441.6261, 410.1882

■ 1.5388, 1.7851,
0.5419

■ 0.3520, 0.4779,
0.0000

■ 79.6089, 86.0095,
70.7982

■ 79.6089, 86.0095,
70.7982

■ 76.1229, 83.4182,
56.1298

■ 83.5704, 88.8139,
87.8974

■ 73.0843, 81.0200,
43.7752

■ 88.0203, 91.8279,
107.5262

■ 70.4726, 78.8094,
33.6160

■ 88.8342, 93.4047,
107.9546

■ 68.2627, 76.7765,
25.5212

■ 89.6271, 94.9903,
108.2189

■ 66.4272, 74.9102,
19.3458

■ 90.4307, 96.5977,
108.4867

■ 64.9349, 73.1978,
14.9261

■ 91.1185, 97.9732,
108.7160

■ 63.7494, 71.6249,
12.0709

■ 62.8259, 70.1733,
10.5441

■ 62.4706, 69.5574,
10.1334

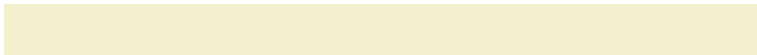
Harmonies

Analogous

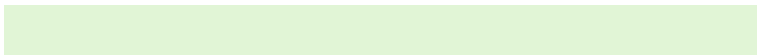
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2715, 86.0095, 71.0131



79.6089, 86.0095, 70.7982



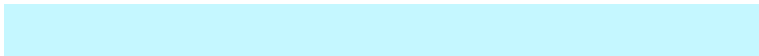
75.6698, 86.0095, 76.2811

Triad

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



79.6089, 86.0095, 70.7982



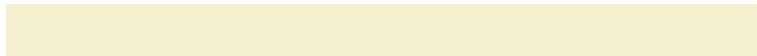
75.4356, 86.0095, 112.6716



90.7009, 86.0095, 100.9833

Complementary

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



79.6089, 86.0095, 70.7982



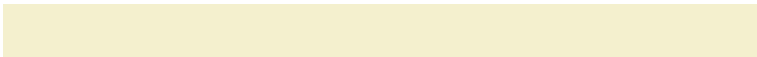
64.8292, 65.7454, 94.8619

Split Complementary

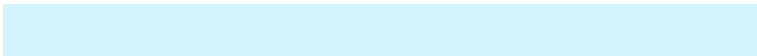
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1464, 86.0095, 113.4729



79.6089, 86.0095, 70.7982



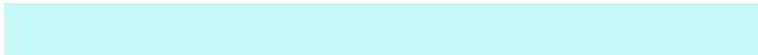
79.2782, 86.0095, 120.6483

Square

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



79.6089, 86.0095, 70.7982



73.3232, 86.0095, 99.9715



83.9280, 86.0095, 120.9548



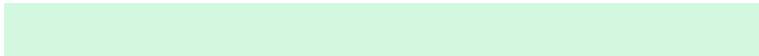
90.7977, 86.0095, 87.6002

Rectangle

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



79.6089, 86.0095, 70.7982



73.9342, 86.0095, 82.7615



83.9280, 86.0095, 120.9548



90.0969, 86.0095, 105.4534

Sweetspot

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



79.6112, 86.0133, 70.8000



92.6385, 98.3536, 98.3030



71.0675, 68.0517, 70.6470



19.7583, 21.0032, 20.7343



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.



79.6112, 86.0133, 70.8000



86.6041, 94.0561, 72.3336



75.9437, 85.8878, 70.9691



17.7571, 18.9984, 17.5287



34.0281, 37.9418, 5.5300



3.0327, 3.4186, 0.5000

Inverse Universe

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



64.8292, 65.7454, 94.8619



67.1110, 67.3296, 104.0665



68.0885, 65.9797, 94.7353



15.7213, 16.2070, 20.8422



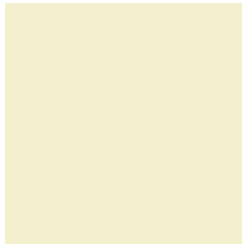
9.1215, 4.0368, 46.8365



0.8473, 0.4460, 4.1317

Previews

White Background



This preview shows how the XYZ color 79.6089, 86.0095, 70.7982 looks on a white background.

Color Contrast Check

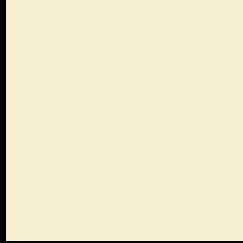
Large Text (above 18pt) WCAG AA × Fail

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 79.6089, 86.0095, 70.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

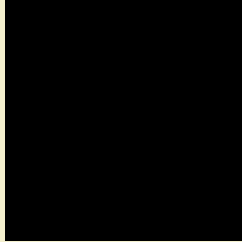
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

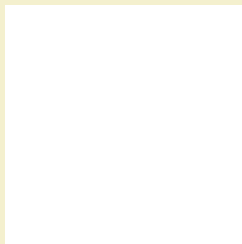
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6089, 86.0095, 70.7982

Background



This preview shows how black text looks on a background with the XYZ color 79.6089, 86.0095, 70.7982.



This preview shows how white text looks on a background with the XYZ color 79.6089, 86.0095,

70.7982.

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

79.6089, 86.0095, 70.7982

Protanopia

81.3776, 86.0661, 70.0810

Deuteranopia

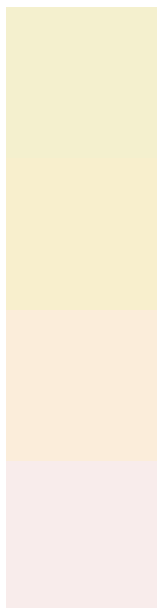
84.5389, 86.1129, 83.3999



Tritanopia

86.1339, 85.6301, 104.0840

Trichromacy



Original Color

79.6089, 86.0095, 70.7982

Protanomaly

80.5973, 86.0972, 70.1281

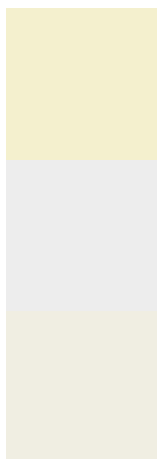
Deuteranomaly

82.7227, 86.1396, 78.5963

Tritanomaly

83.7022, 85.9455, 90.7748

Monochromacy



Original Color

79.6089, 86.0095, 70.7982

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2372, 85.1653, 84.1611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6089, 86.0095, 70.7982 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(244, 240, 206)` looks like.

```
.text, #text, p{  
    color:rgb(244, 240, 206)  
}
```

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(244, 240, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 240, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.6089, 86.0095, 70.7982 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(244, 240, 206) }
```


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

```
.border{ border-color:rgb(244, 240, 206) }
```

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

Here you see how a box with a 4 pixel rgb(244, 240, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 240, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 240, 206);  
box-shadow:4px 4px 4px 4px rgb(244, 240,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6089, 86.0095, 70.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 240, 206) }
```

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

```
.background{ background-color: rgb(244,  
240, 206) }
```

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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