

Converting Colors

XYZ(79.4502, 88.9404, 55.6276)

Have a look what the booklet for
XYZ(79.4502, 88.9404, 55.6276)
contains.

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Color

**XYZ(79.4502, 88.9404,
55.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F6B3
RGB	247, 246, 179
RGB Percent	97%, 96%, 70%
CMY	0.0314, 0.0353, 0.2980
CMYK	0.00, 0.00, 0.28, 0.03
HSL	59°, 81%, 84%
HSV	59°, 28%, 97%
XYZ	79.4502, 88.9404, 55.6276
YIQ	238.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

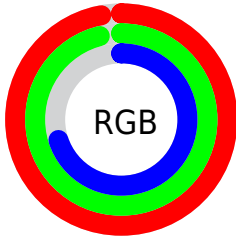
Format	Color
R _Y B	180, 247, 179
Decimal	16250547
CIE Lab	95.56, -9.84, 32.45
CIE LCh	96, 33.912, 106.870
Yxy	88.9404, 0.3547, 0.3970
Android (android.graphics.Color)	4294440627 (0xFFFF7F6B3)
YUV	238.6610, -29.4129, 7.3133
Hunter-Lab	94.3082, -14.6616, 31.0436

Details

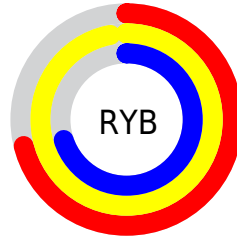
The XYZ color **79.4502, 88.9404, 55.6276** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **51.6999, 48.9403, 94.7174**, and the grayscale version is **81.9918, 86.2618, 93.9391**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **43.4146, 49.2804, 26.9625** is the 20% darker color. If you saturate the color by 10%, you get **77.0638, 87.8134, 43.5920**, and if you desaturate by 10%, it is **82.2889, 90.2548, 70.0236**.

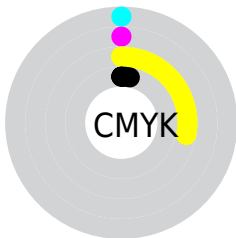
Distribution



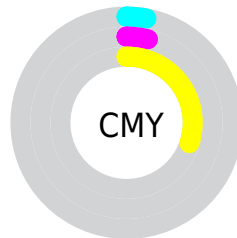
- Red (97%)
- Green (96%)
- Blue (70%)



- Red (71%)
- Yellow (97%)
- Blue (70%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4502, 88.9404, 55.6276 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 79.4502, 88.9404, 55.6276 by changing the saturation by 10% instead.

79.4502, 88.9404,
55.6276

79.4502, 88.9404,
55.6276

481.8428,
524.5780, 425.6354

59.5729, 67.1022,
39.5024

131.5471,
145.8657, 99.9402

43.3226, 49.1677,
26.8400

164.4974,
181.7215, 128.9648

30.3340, 34.7525,
17.2217

202.5361,
223.0187, 163.1262

20.2415, 23.4723,
10.2291

246.0285,
270.1415, 202.8430

12.6800, 14.9426,
5.4435

295.3400,
323.4745, 248.5338

7.2841, 8.7791,
2.4465

350.8360,

3.6883, 4.5974,

383.4019, 300.6171

0.8116

412.8819,
450.3083, 359.5115

■ 1.5273, 2.0130,
0.0000

■ 0.3443, 0.6150,
0.0000

■ 79.4502, 88.9404,
55.6276

■ 79.4502, 88.9404,
55.6276

■ 77.0638, 87.8134,
43.5920

■ 82.2889, 90.2548,
70.0236

■ 75.0990, 86.8523,
33.7855


■ 85.5951, 91.7535,
86.8909


■ 73.5319, 86.0506,
26.0722


■ 89.3919, 93.4487,
106.3400


■ 72.3335, 85.3968,
20.2995


■ 89.8065, 93.7915,
107.9780


 71.4709, 84.8776,
16.2940


 89.9172, 94.0130,
108.0149


 70.9053, 84.4776,
13.8514


 90.0282, 94.2349,
108.0519

 70.5856, 84.1762,
12.7026

 90.1394, 94.4573,
108.0890

 70.5254, 84.1093,
12.5176

 90.2508, 94.6801,
108.1261

 90.3624, 94.9034,
108.1633

Harmonies

Analogous

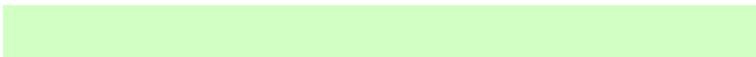
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6635, 88.9404, 55.0318



79.4502, 88.9404, 55.6276



72.1424, 88.9404, 65.8734

Triad

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



79.4502, 88.9404, 55.6276



72.8876, 88.9404, 139.2407



103.1771, 88.9404, 108.9491

Complementary

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



79.4502, 88.9404, 55.6276



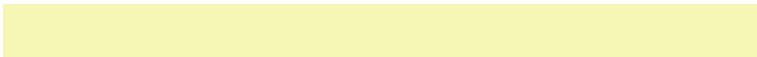
51.6999, 48.9403, 94.7174

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.



98.2717, 88.9404, 136.2509



79.4502, 88.9404, 55.6276



80.5370, 88.9404, 155.7809

Square

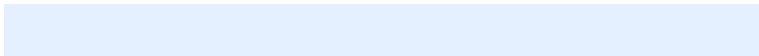
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4502, 88.9404, 55.6276



68.5483, 88.9404, 112.4797



89.8326, 88.9404, 154.5960



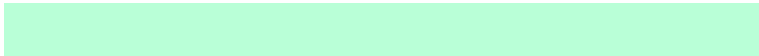
102.8324, 88.9404, 82.7234

Rectangle

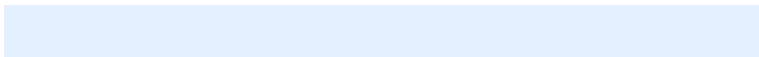
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4502, 88.9404, 55.6276



69.1309, 88.9404, 78.0810



89.8326, 88.9404, 154.5960



102.0730, 88.9404, 118.3882

Sweetspot

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



79.4525, 88.9444, 55.6295



91.8426, 98.5650, 92.4789



62.7305, 55.3162, 50.6233



19.5371, 21.0425, 19.1762



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

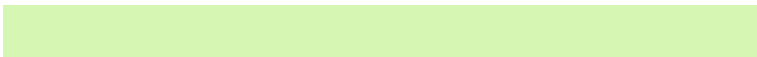
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4525, 88.9444, 55.6295



83.9453, 94.9324, 52.3526



69.1686, 84.0928, 55.2350



17.8927, 19.2695, 17.5739



37.3084, 44.5024, 6.6235



3.2856, 3.9244, 0.5843

Inverse Universe

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



51.6999, 48.9403, 94.7174



49.5796, 45.3965, 100.7570



60.0224, 52.9340, 95.0496



15.6006, 15.9655, 20.8020



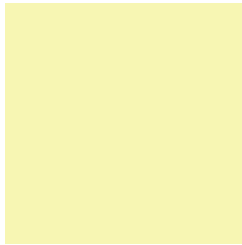
8.9084, 3.6106, 46.7654



0.7897, 0.3308, 4.1125

Previews

White Background



This preview shows how the XYZ color 79.4502, 88.9404, 55.6276 looks on a white background.

Color Contrast Check

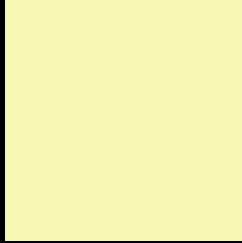
Large Text (above 18pt) WCAG AA × Fail

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 79.4502, 88.9404, 55.6276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

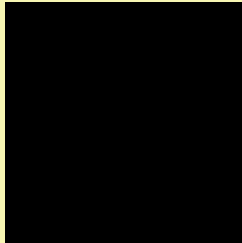
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4502, 88.9404, 55.6276

Background



This preview shows how black text looks on a background with the XYZ color 79.4502, 88.9404, 55.6276.



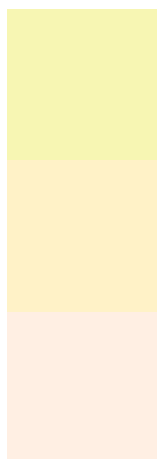
This preview shows how white text looks on a background with the XYZ color 79.4502, 88.9404,

55.6276.

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

79.4502, 88.9404, 55.6276

Protanopia

83.3009, 88.8878, 66.7995

Deuteranopia

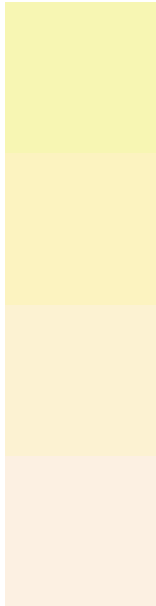
85.9716, 88.5391, 85.2316



Tritanopia

89.2538, 88.9202, 105.3876

Trichromacy



Original Color

79.4502, 88.9404, 55.6276

Protanomaly

81.7099, 88.6024, 62.6646

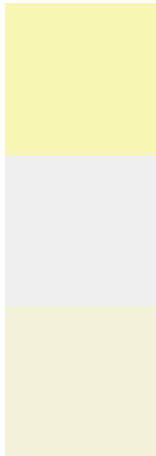
Deuteranomaly

83.5299, 88.8529, 73.7206

Tritanomaly

85.0324, 88.5066, 84.5533

Monochromacy



Original Color

79.4502, 88.9404, 55.6276

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.8945, 87.3913, 78.2502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4502, 88.9404, 55.6276 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(247, 246, 179)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 179)  
}
```

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(247, 246, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 179) }
```

Border

The CSS property to change the border of an element to XYZ 79.4502, 88.9404, 55.6276 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(247, 246, 179) }
```


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

```
.border{ border-color:rgb(247, 246, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 246, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 179);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4502, 88.9404, 55.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 179) }
```

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

```
.background{ background-color: rgb(247,  
246, 179) }
```

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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