

Converting Colors

XYZ(83.0361, 86.0452, 55.9166)

Have a look what the booklet for
XYZ(83.0361, 86.0452, 55.9166)
contains.

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Color

**XYZ(79.2888, 84.0129,
55.7532)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8B5
RGB	255, 235, 181
RGB Percent	100%, 92%, 71%
CMY	0.0000, 0.0784, 0.2902
CMYK	0.00, 0.08, 0.29, 0.00
HSL	44°, 100%, 85%
HSV	44°, 29%, 100%
XYZ	79.2888, 84.0129, 55.7532
YIQ	234.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

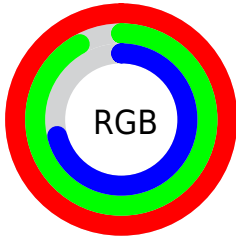
Format	Color
R _Y B	208, 255, 181
Decimal	16772021
CIE Lab	93.46, -1.11, 28.71
CIE LCh	93, 28.734, 92.216
Yxy	84.0129, 0.3620, 0.3835
Android (android.graphics.Color)	4294962101 (0xFFFFE8B5)
YUV	234.8240, -26.5352, 17.6944
Hunter-Lab	91.6586, -5.9919, 28.0966

Details

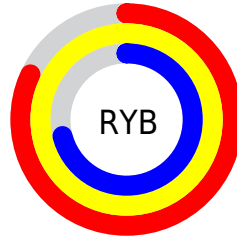
The XYZ color **79.2888, 84.0129, 55.7532** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.9921, 58.8152, 102.9037**, and the grayscale version is **79.0135, 83.1283, 90.5267**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **43.0423, 45.6690, 26.9685** is the 20% darker color. If you saturate the color by 10%, you get **74.9742, 79.1945, 42.5664**, and if you desaturate by 10%, it is **84.1630, 89.1833, 71.4911**.

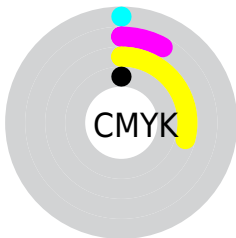
Distribution



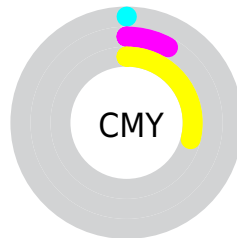
- Red (100%)
- Green (92%)
- Blue (71%)



- Red (82%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2888, 84.0129, 55.7532 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 79.2888, 84.0129, 55.7532 by changing the saturation by 10% instead.


 79.2888, 84.0129,
55.7532

 79.2888, 84.0129,
55.7532


481.3059,
508.3561, 426.1229

 59.4397, 63.0261,
39.6024


 131.3211,
138.9932, 100.1258

 43.2149, 45.8623,
26.9173


164.2351,
173.7555, 129.1848

 30.2490, 32.1372,
17.2792


202.2348,
213.8784, 163.3835

 20.1767, 21.4663,
10.2697

245.6855,
259.7464, 203.1405

 12.6326, 13.4653,
5.4702

294.9526,
311.7437, 248.8745

 7.2513, 7.7497,
2.4622

350.4015,

 3.6675, 3.9352,

370.2548, 301.0038

0.8200

412.3975,
435.6642, 359.9471

■ 1.5158, 1.6374,
0.0000

■ 0.3365, 0.3826,
0.0000

■ 79.2888, 84.0129,
55.7532

■ 79.2888, 84.0129,
55.7532

■ 74.9742, 79.1945,
42.5664

■ 84.1630, 89.1833,
71.4911

■ 71.1858, 74.7046,
31.7874

■ 89.6154, 94.7056,
89.9023

■ 67.8962, 70.5336,
23.2667

95.0500, 100.0000,
108.9000

■ 65.0727, 66.6672,
16.8359

■ 62.6778, 63.0889,
12.3029

■ 60.6675, 59.7796,
9.4398

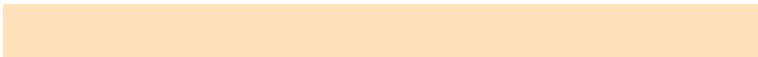
■ 58.9769, 56.7119,
7.9099

■ 58.8203, 56.4207,
7.7901

Harmonies

Analogous

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



86.8474, 84.0129, 59.2648



79.2888, 84.0129, 55.7532



72.3234, 84.0129, 60.4830

Triad

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



79.2888, 84.0129, 55.7532



68.1333, 84.0129, 115.6089



93.4676, 84.0129, 112.3677

Complementary

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



79.2888, 84.0129, 55.7532



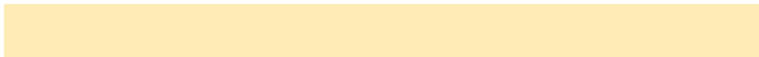
57.9921, 58.8152, 102.9037

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.



87.8852, 84.0129, 131.5762



79.2888, 84.0129, 55.7532



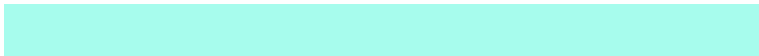
73.2422, 84.0129, 133.6462

Square

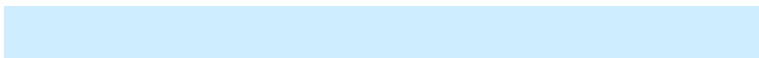
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2888, 84.0129, 55.7532



66.1421, 84.0129, 93.1013



80.4173, 84.0129, 139.9034



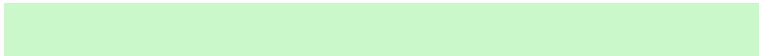
95.3359, 84.0129, 89.8692

Rectangle

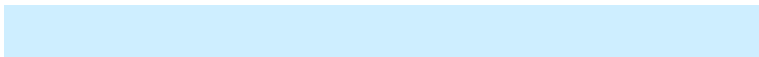
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2888, 84.0129, 55.7532



68.8671, 84.0129, 68.1894



80.4173, 84.0129, 139.9034



91.9465, 84.0129, 119.5385

Sweetspot

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



79.2909, 84.0167, 55.7549



89.6262, 94.7163, 89.9394



68.4212, 58.5714, 63.5566



19.0059, 20.0964, 18.6406



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

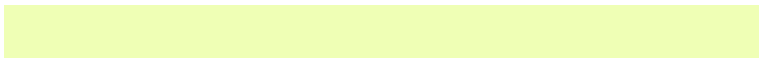
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2909, 84.0167, 55.7549



76.6439, 81.0918, 47.5690



79.6862, 93.2013, 57.5069



19.1218, 20.2117, 19.0378



30.8651, 29.7414, 4.1139



3.0958, 3.0769, 0.4307

Inverse Universe

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



57.9921, 58.8152, 102.9037



52.1076, 52.0682, 101.9115



57.6094, 52.1436, 101.6361



17.4023, 18.1761, 22.8411



10.6450, 6.1996, 50.0702



1.1223, 0.7752, 4.9038

Previews

White Background



This preview shows how the XYZ color 79.2888, 84.0129, 55.7532 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 79.2888, 84.0129, 55.7532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

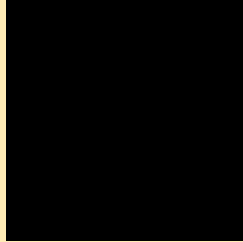
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2888, 84.0129, 55.7532

Background



This preview shows how black text looks on a background with the XYZ color 79.2888, 84.0129, 55.7532.



This preview shows how white text looks on a background with the XYZ color 79.2888, 84.0129,

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

79.2888, 84.0129, 55.7532

Protanopia

78.4808, 84.0225, 55.7977

Deuteranopia

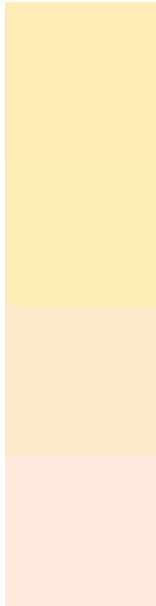
82.3624, 83.8795, 76.1394



Tritanopia

85.5638, 84.2644, 95.7594

Trichromacy



Original Color

79.2888, 84.0129, 55.7532

Protanomaly

78.8440, 84.2097, 55.8146

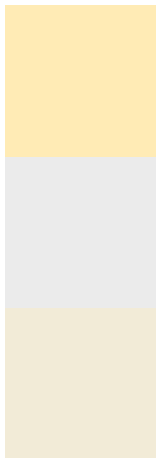
Deuteranomaly

81.1584, 83.8496, 68.4070

Tritanomaly

83.0149, 84.1405, 79.5755

Monochromacy



Original Color

79.2888, 84.0129, 55.7532

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.5920, 83.2002, 76.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2888, 84.0129, 55.7532 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(255, 235, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 181)  
}
```

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(255, 235, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 181) }
```

Border

The CSS property to change the border of an element to XYZ 79.2888, 84.0129, 55.7532 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(255, 235, 181) }
```


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

```
.border{ border-color:rgb(255, 235, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2888, 84.0129, 55.7532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 181) }
```

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

```
.background{ background-color: rgb(255,  
235, 181) }
```

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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