

Converting Colors

XYZ(109.3135, 100.0000,
57.2137)

Have a look what the booklet for
XYZ(109.3135, 100.0000, 57.2137)
contains.

XYZ(79.5759, 84.5871, 55.8489)	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(79.5759, 84.5871,
55.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECB5
RGB	255, 236, 181
RGB Percent	100%, 93%, 71%
CMY	0.0000, 0.0745, 0.2902
CMYK	0.00, 0.07, 0.29, 0.00
HSL	45°, 100%, 85%
HSV	45°, 29%, 100%
XYZ	79.5759, 84.5871, 55.8489
YIQ	235.4110, 28.9790, -13.0770

Conversions

Conversions Part 2

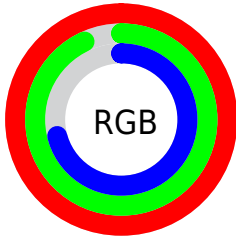
Format	Color
R _Y B	207, 255, 181
Decimal	16772277
CIE Lab	93.70, -1.62, 29.05
CIE LCh	94, 29.095, 93.185
Yxy	84.5871, 0.3617, 0.3845
Android (android.graphics.Color)	4294962357 (0xFFFFE0B5)
YUV	235.4110, -26.8246, 17.1796
Hunter-Lab	91.9712, -6.5069, 28.3764

Details

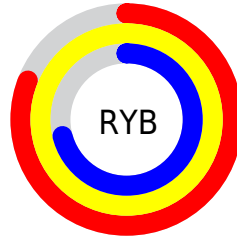
The XYZ color **79.5759, 84.5871, 55.8489** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.7598, 58.3505, 102.8263**, and the grayscale version is **79.4633, 83.6016, 91.0422**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **43.2435, 46.0713, 27.0356** is the 20% darker color. If you saturate the color by 10%, you get **75.3458, 79.9377, 42.6903**, and if you desaturate by 10%, it is **84.3583, 89.5739, 71.5562**.

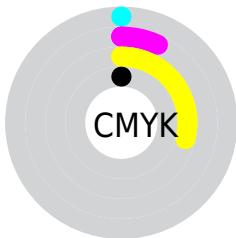
Distribution



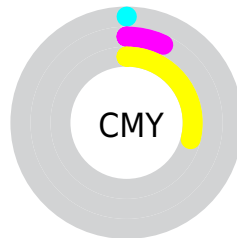
- Red (100%)
- Green (93%)
- Blue (71%)



- Red (81%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5759, 84.5871, 55.8489 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 79.5759, 84.5871, 55.8489 by changing the saturation by 10% instead.


 79.5759, 84.5871,
55.8489

 79.5759, 84.5871,
55.8489

482.2608,
510.2608, 426.4941

 59.6767, 63.5003,
39.6786


 131.7230,
139.7961, 100.2672

 43.4066, 46.2460,
26.9762


164.7015,
174.6872, 129.3523

 30.4001, 32.4400,
17.3230


202.7706,
214.9483, 163.5794

 20.2921, 21.6978,
10.3007

246.2955,
260.9641, 203.3671

 12.7170, 13.6350,
5.4906

295.6416,
313.1188, 249.1338

 7.3096, 7.8673,
2.4742

351.1743,

 3.7045, 4.0101,

371.7969, 301.2982

0.8264

413.2589,
437.3828, 360.2788

■ 1.5364, 1.6792,
0.0000

■ 0.3504, 0.4102,
0.0000

■ 79.5759, 84.5871,
55.8489

■ 79.5759, 84.5871,
55.8489

■ 75.3458, 79.9377,
42.6903

■ 84.3583, 89.5739,
71.5562

■ 71.6346, 75.6022,
31.9370

■ 89.7115, 94.8976,
89.9343

■ 68.4152, 71.5716,
23.4397

95.0500, 100.0000,
108.9000

■ 65.6549, 67.8316,
17.0300

■ 63.3164, 64.3660,
12.5158

■ 61.3558, 61.1561,
9.6693

■ 59.7083, 58.1746,
8.1537

■ 59.5556, 57.8912,
8.0352

Harmonies

Analogous

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



87.2798, 84.5871, 59.1388



79.5759, 84.5871, 55.8489



72.5453, 84.5871, 60.9136

Triad

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



79.5759, 84.5871, 55.8489



68.6060, 84.5871, 117.3772



94.3825, 84.5871, 112.6354

Complementary

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



79.5759, 84.5871, 55.8489



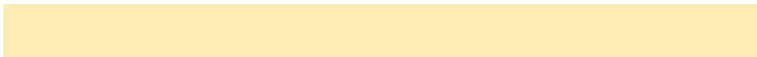
57.7598, 58.3505, 102.8263

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.



88.7968, 84.5871, 132.4467



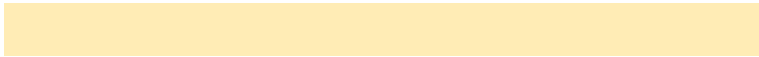
79.5759, 84.5871, 55.8489



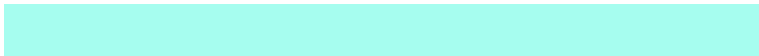
73.8869, 84.5871, 135.4776

Square

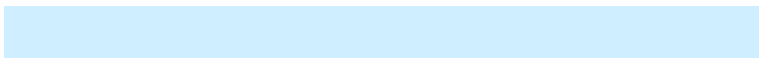
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5759, 84.5871, 55.8489



66.4718, 84.5871, 94.4823



81.2247, 84.5871, 141.3881



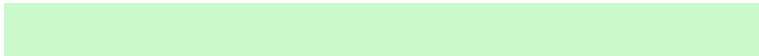
96.1438, 84.5871, 89.7600

Rectangle

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



79.5759, 84.5871, 55.8489



69.0924, 84.5871, 68.9078



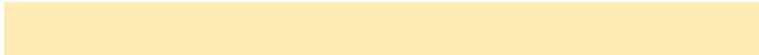
81.2247, 84.5871, 141.3881



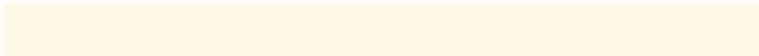
92.8730, 84.5871, 119.9893

Sweetspot

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



79.5780, 84.5909, 55.8507



89.7221, 94.9080, 89.9714



68.2757, 58.5132, 62.7906



19.0297, 20.1438, 18.6485



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

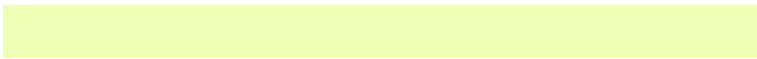
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5780, 84.5909, 55.8507



76.9824, 81.7688, 47.6818



79.2713, 92.9874, 57.4875



19.1434, 20.2549, 19.0450



31.2457, 30.5026, 4.2408



3.1302, 3.1457, 0.4422

Inverse Universe

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



57.7598, 58.3505, 102.8263



51.8477, 51.5484, 101.8249



57.9338, 52.3109, 101.6513



17.3819, 18.1355, 22.8343



10.5336, 5.9767, 50.0330



1.1090, 0.7488, 4.8993

Previews

White Background



This preview shows how the XYZ color 79.5759, 84.5871, 55.8489 looks on a white background.

Color Contrast Check

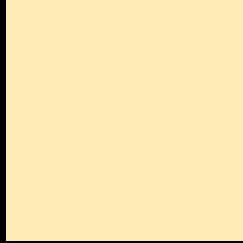
Large Text (above 18pt) WCAG AA × Fail

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 79.5759, 84.5871, 55.8489 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 79.5759, 84.5871, 55.8489

Background



This preview shows how black text looks on a background with the XYZ color 79.5759, 84.5871, 55.8489.



This preview shows how white text looks on a background with the XYZ color 79.5759, 84.5871,

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

79.5759, 84.5871, 55.8489

Protanopia

79.1327, 84.7872, 55.9109

Deuteranopia

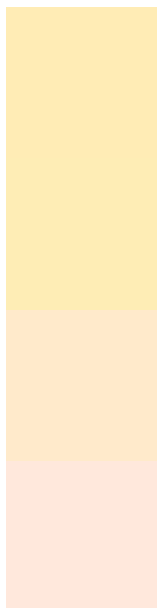
82.7736, 84.4957, 76.9124



Tritanopia

85.7145, 84.3247, 96.5527

Trichromacy



Original Color

79.5759, 84.5871, 55.8489

Protanomaly

79.4977, 84.9754, 55.9280

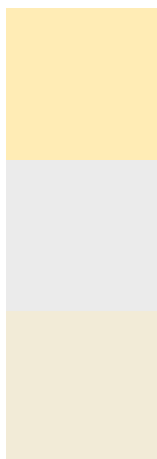
Deuteranomaly

81.4423, 84.4174, 68.5016

Tritanomaly

83.0149, 84.1405, 79.5755

Monochromacy



Original Color

79.5759, 84.5871, 55.8489

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 79.5759, 84.5871, 55.8489 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, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 181) }
```

Border

The CSS property to change the border of an element to XYZ 79.5759, 84.5871, 55.8489 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, 236, 181) }
```


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

```
.border{ border-color:rgb(255, 236, 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, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 181); box-shadow:4px 4px 4px 4px rgb(255, 236, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5759, 84.5871, 55.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 181) }
```

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

```
.background{ background-color: rgb(255,  
236, 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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