

Converting Colors

XYZ(106.1374, 100.0000,
51.2665)

Have a look what the booklet for
XYZ(106.1374, 100.0000, 51.2665)
contains.

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Color

**XYZ(79.5615, 86.4447,
50.0283)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0A9
RGB	255, 240, 169
RGB Percent	100%, 94%, 66%
CMY	0.0000, 0.0588, 0.3372
CMYK	0.00, 0.06, 0.34, 0.00
HSL	50°, 100%, 83%
HSV	50°, 34%, 100%
XYZ	79.5615, 86.4447, 50.0283
YIQ	236.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

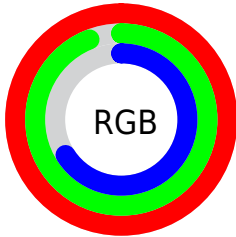
Format	Color
R _Y B	187, 255, 169
Decimal	16773289
CIE Lab	94.50, -5.08, 36.19
CIE LCh	95, 36.547, 97.992
Yxy	86.4447, 0.3683, 0.4001
Android (android.graphics.Color)	4294963369 (0xFFFFF0A9)
YUV	236.3910, -33.2238, 16.3201
Hunter-Lab	92.9756, -9.9606, 33.1802

Details

The XYZ color **79.5615, 86.4447, 50.0283** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.5524, 49.9346, 101.5290**, and the grayscale version is **80.2600, 84.4398, 91.9550**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **43.3188, 47.4123, 23.3913** is the 20% darker color. If you saturate the color by 10%, you get **76.1052, 82.9966, 38.1954**, and if you desaturate by 10%, it is **83.5211, 90.1516, 64.3342**.

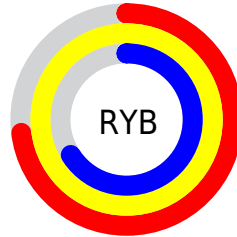
Distribution



Red (100%)

Green (94%)

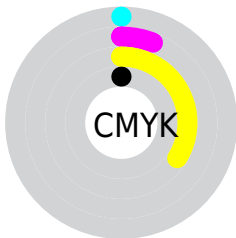
Blue (66%)



Red (73%)

Yellow (100%)

Blue (66%)

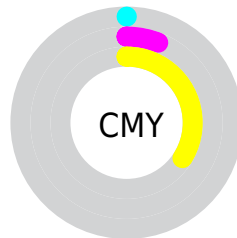


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5615, 86.4447, 50.0283 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 79.5615, 86.4447, 50.0283 by changing the saturation by 10% instead.


 79.5615, 86.4447,
50.0283

 79.5615, 86.4447,
50.0283


482.2129,
516.3964, 403.5148

 59.6648, 65.0358,
35.0645


 131.7028,
142.3899, 91.6135

 43.3969, 47.4901,
23.4286


164.6781,
177.6949, 119.0721

 30.3926, 33.4233,
14.7021


202.7437,
218.4008, 151.5327

 20.2863, 22.4509,
8.4663

246.2649,
264.8919, 189.4138

 12.7128, 14.1886,
4.3027

295.6071,
317.5526, 233.1341

 7.3067, 8.2519,
1.7928

351.1356,

 3.7027, 4.2566,

376.7674, 283.1120

0.4232

413.2157,
442.9205, 339.7661

■ 1.5353, 1.8181,
0.0000

■ 0.3497, 0.4984,
0.0000

■ 79.5615, 86.4447,
50.0283

■ 79.5615, 86.4447,
50.0283

■ 76.1052, 82.9966,
38.1954

■ 83.5211, 90.1516,
64.3342

■ 73.1182, 79.7841,
28.6864

■ 88.0028, 94.1159,
81.2397

■ 70.5724, 76.7987,
21.3448

■ 93.0323, 98.3513,
100.8693

■ 68.4337, 74.0263,
15.9922

95.0500, 100.0000,
108.9000

■ 66.6627, 71.4508,
12.4220

■ 65.2112, 69.0526,
10.3818

■ 64.4204, 67.6208,
9.6568

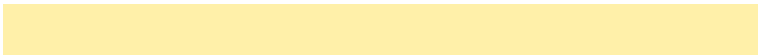
Harmonies

Analogous

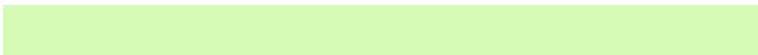
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4563, 86.4447, 52.3067



79.5615, 86.4447, 50.0283



71.0624, 86.4447, 57.5640

Triad

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



79.5615, 86.4447, 50.0283



68.1409, 86.4447, 131.5571



100.9750, 86.4447, 115.9155

Complementary

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



79.5615, 86.4447, 50.0283



51.5524, 49.9346, 101.5290

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.



94.3636, 86.4447, 143.5899



79.5615, 86.4447, 50.0283



75.2775, 86.4447, 153.8028

Square

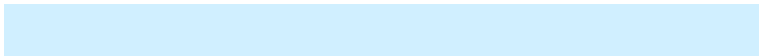
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5615, 86.4447, 50.0283



64.8208, 86.4447, 101.8570



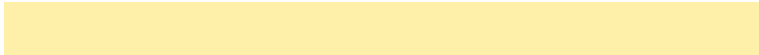
84.8208, 86.4447, 158.5977



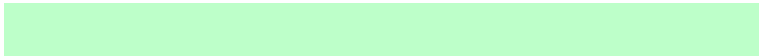
102.3517, 86.4447, 86.7918

Rectangle

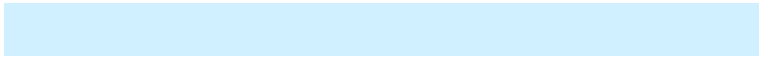
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5615, 86.4447, 50.0283



67.1462, 86.4447, 68.2338



84.8208, 86.4447, 158.5977



99.2670, 86.4447, 125.8514

Sweetspot

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



79.5636, 86.4486, 50.0301



89.8108, 95.6612, 88.2262



64.1610, 53.1298, 52.6444



19.0753, 20.3497, 18.3102



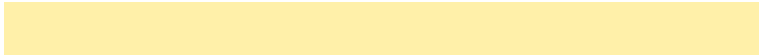
0.0000, 0.0000, 0.0000



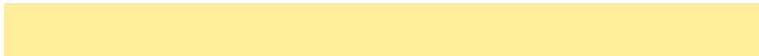
20.3446, 21.4041, 23.3091

Same Dimension

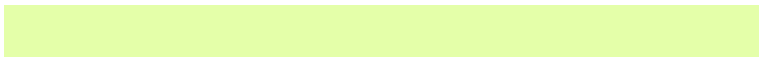
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5636, 86.4486, 50.0301



77.3367, 84.2537, 42.3235



74.8428, 90.8406, 51.1267



19.2759, 20.5201, 19.0891



33.7596, 35.5304, 5.0787



3.3547, 3.5947, 0.5170

Inverse Universe

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



51.5524, 49.9346, 101.5290



45.7089, 43.0364, 100.5055



55.0645, 47.3641, 100.8477



17.2590, 17.8896, 22.7933



9.9850, 4.8795, 49.8502



1.0393, 0.6093, 4.8761

Previews

White Background



This preview shows how the XYZ color 79.5615, 86.4447, 50.0283 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 79.5615, 86.4447, 50.0283 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 79.5615, 86.4447, 50.0283

Background



This preview shows how black text looks on a background with the XYZ color 79.5615, 86.4447, 50.0283.



This preview shows how white text looks on a background with the XYZ color 79.5615, 86.4447,

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

79.5615, 86.4447, 50.0283

Protanopia

80.6537, 86.4119, 57.2280

Deuteranopia

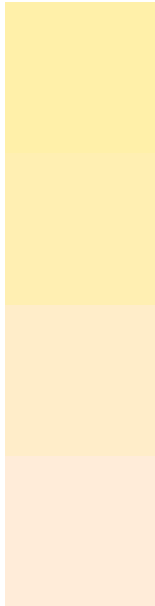
84.1537, 86.4182, 79.9552



Tritanopia

87.1442, 86.6982, 98.5276

Trichromacy



Original Color

79.5615, 86.4447, 50.0283

Protanomaly

80.1424, 86.2074, 54.5352

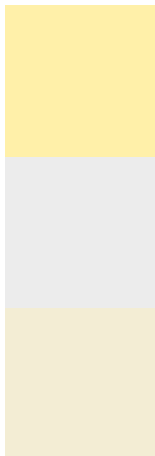
Deuteranomaly

82.0668, 86.0454, 67.5414

Tritanomaly

83.7598, 86.2607, 77.8810

Monochromacy



Original Color

79.5615, 86.4447, 50.0283

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.1300, 84.3765, 74.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5615, 86.4447, 50.0283 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, 240, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 169)  
}
```

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, 240, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 169) }
```

Border

The CSS property to change the border of an element to XYZ 79.5615, 86.4447, 50.0283 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, 240, 169) }
```


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

```
.border{ border-color:rgb(255, 240, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5615, 86.4447, 50.0283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 169) }
```

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

```
.background{ background-color: rgb(255,  
240, 169) }
```

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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