

Converting Colors

XYZ(106.4741, 100.0000,
51.4573)

Have a look what the booklet for
XYZ(106.4741, 100.0000, 51.4573)
contains.

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Color

**XYZ(79.2679, 85.8576,
49.9304)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEFA9 |
| RGB | 255, 239, 169 |
| RGB Percent | 100%, 94%, 66% |
| CMY | 0.0000, 0.0627, 0.3372 |
| CMYK | 0.00, 0.06, 0.34, 0.00 |
| HSL | 49°, 100%, 83% |
| HSV | 49°, 34%, 100% |
| XYZ | 79.2679, 85.8576, 49.9304 |
| YIQ | 235.8040, 32.0060, -18.3780 |

Conversions

Conversions Part 2

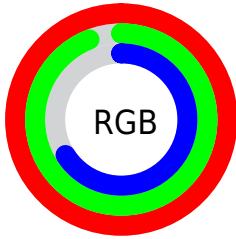
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 189, 255, 169 |
| Decimal | 16773033 |
| CIE Lab | 94.25, -4.58, 35.86 |
| CIE LCh | 94, 36.151, 97.280 |
| Yxy | 85.8576, 0.3686, 0.3992 |
| Android (android.graphics.Color) | 4294963113 (0xFFFFEFA9) |
| YUV | 235.8040, -32.9344, 16.8349 |
| Hunter-Lab | 92.6594, -9.4514, 32.9126 |

Details

The XYZ color **79.2679, 85.8576, 49.9304** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **51.7607, 50.3514, 101.5984**, and the grayscale version is **79.8076, 83.9638, 91.4365**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **43.1118, 46.9982, 23.3223** is the 20% darker color. If you saturate the color by 10%, you get **75.7342, 82.2546, 38.0717**, and if you desaturate by 10%, it is **83.3093, 89.7280, 64.2636**.

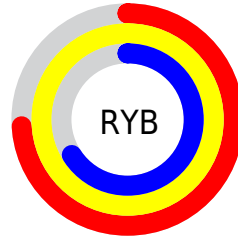
Distribution



Red (100%)

Green (94%)

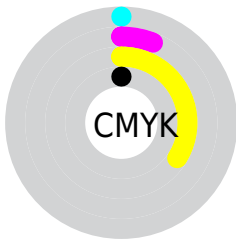
Blue (66%)



Red (74%)

Yellow (100%)

Blue (66%)

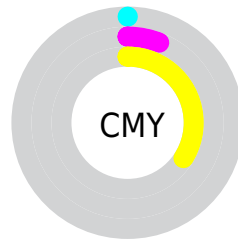


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2679, 85.8576, 49.9304 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 79.2679, 85.8576, 49.9304 by changing the saturation by 10% instead.

 79.2679, 85.8576,
49.9304

 79.2679, 85.8576,
49.9304


481.2364,
514.4615, 403.1210

 59.4225, 64.5502,
34.9873


 131.2919,
141.5708, 91.4670

 43.2010, 47.0965,
23.3696


164.2012,
176.7453, 118.8976

 30.2381, 33.1119,
14.6588


202.1958,
217.3111, 151.3277

 20.1683, 22.2122,
8.4363

245.6411,
263.6524, 189.1760

 12.6264, 14.0129,
4.2836

294.9025,
316.1538, 232.8609

 7.2470, 8.1296,
1.7822

350.3452,

 3.6648, 4.1780,

375.1995, 282.8010

0.4162

412.3347,
441.1739, 339.4148

■ 1.5143, 1.7736,
0.0000

■ 0.3355, 0.4707,
0.0000

■ 79.2679, 85.8576,
49.9304

■ 79.2679, 85.8576,
49.9304

■ 75.7342, 82.2546,
38.0717

■ 83.3093, 89.7280,
64.2636

■ 72.6741, 78.8959,
28.5384

■ 87.8772, 93.8647,
81.1978

■ 70.0594, 75.7728,
21.1738

■ 92.9973, 98.2814,
100.8575

■ 67.8561, 72.8712,
15.7997

95.0500, 100.0000,
108.9000

■ 66.0246, 70.1748,
12.2093

■ 64.5168, 67.6639,
10.1503

■ 63.6927, 66.1655,
9.4143

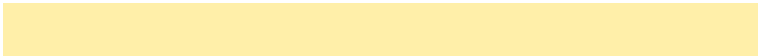
Harmonies

Analogous

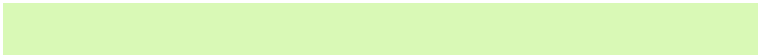
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0116, 85.8576, 52.4120



79.2679, 85.8576, 49.9304



70.8363, 85.8576, 57.1428

Triad

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



79.2679, 85.8576, 49.9304



67.6652, 85.8576, 129.6553



100.0173, 85.8576, 115.6352

Complementary

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



79.2679, 85.8576, 49.9304



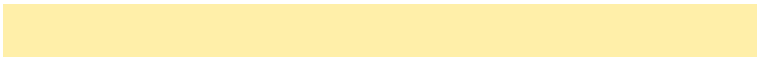
51.7607, 50.3514, 101.5984

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.



93.4134, 85.8576, 142.6703



79.2679, 85.8576, 49.9304



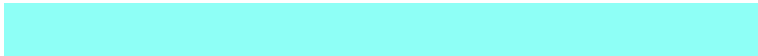
74.6212, 85.8576, 151.8177

Square

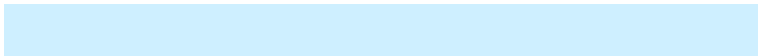
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2679, 85.8576, 49.9304



64.4904, 85.8576, 100.4069



83.9877, 85.8576, 157.0000



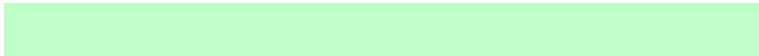
101.5078, 85.8576, 86.8875

Rectangle

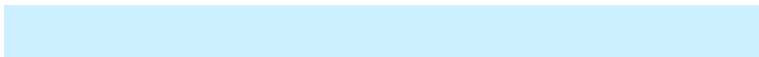
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2679, 85.8576, 49.9304



66.9180, 85.8576, 67.5158



83.9877, 85.8576, 157.0000



98.2978, 85.8576, 125.3806

Sweetspot

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



79.2701, 85.8615, 49.9322



89.7185, 95.4766, 88.1954



64.3128, 53.1905, 53.4441



19.0528, 20.3048, 18.3027



0.0000, 0.0000, 0.0000



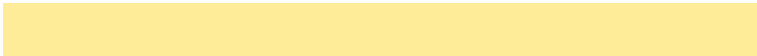
20.3446, 21.4041, 23.3091

Same Dimension

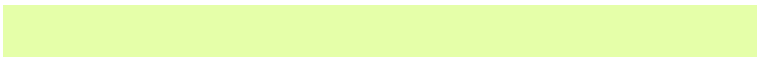
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2701, 85.8615, 49.9322



76.9940, 83.5685, 42.2093



75.2988, 91.0757, 51.1479



19.2571, 20.4824, 19.0829



33.3840, 34.7793, 4.9535



3.3214, 3.5282, 0.5059

Inverse Universe

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



51.7607, 50.3514, 101.5984



45.9336, 43.4857, 100.5804



54.6928, 47.1725, 100.8303



17.2763, 17.9241, 22.7991



10.0494, 5.0083, 49.8716



1.0480, 0.6268, 4.8790

Previews

White Background



This preview shows how the XYZ color 79.2679, 85.8576, 49.9304 looks on a white background.

Color Contrast Check

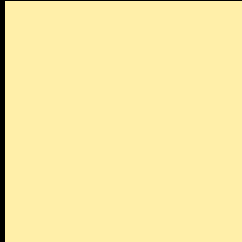
Large Text (above 18pt) WCAG AA × Fail

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 79.2679, 85.8576, 49.9304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

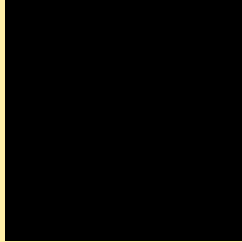
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2679, 85.8576, 49.9304

Background



This preview shows how black text looks on a background with the XYZ color 79.2679, 85.8576, 49.9304.



This preview shows how white text looks on a background with the XYZ color 79.2679, 85.8576,

49.9304.

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

79.2679, 85.8576, 49.9304

Protanopia

79.9512, 85.6637, 54.9687

Deuteranopia

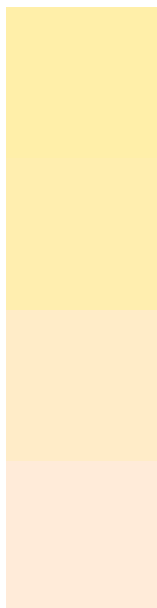
83.6032, 85.7386, 78.4725



Tritanopia

86.7080, 86.0695, 97.6310

Trichromacy



Original Color

79.2679, 85.8576, 49.9304

Protanomaly

79.5524, 85.5042, 52.8685

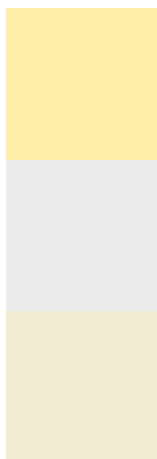
Deuteranomaly

81.6608, 85.4210, 66.8275

Tritanomaly

83.4727, 85.6864, 77.7853

Monochromacy



Original Color

79.2679, 85.8576, 49.9304

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 79.2679, 85.8576, 49.9304 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, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 169) }
```

Border

The CSS property to change the border of an element to XYZ 79.2679, 85.8576, 49.9304 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, 239, 169) }
```


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

```
.border{ border-color:rgb(255, 239, 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, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2679, 85.8576, 49.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 169) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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