

Converting Colors

XYZ(79.3157, 89.2568, 66.3864)

Have a look what the booklet for
XYZ(79.3157, 89.2568, 66.3864)
contains.

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Color

**XYZ(79.0504, 88.9495,
66.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF7C6
RGB	239, 247, 198
RGB Percent	94%, 97%, 78%
CMY	0.0627, 0.0313, 0.2235
CMYK	0.03, 0.00, 0.20, 0.03
HSL	70°, 75%, 87%
HSV	70°, 20%, 97%
XYZ	79.0504, 88.9495, 66.4286
YIQ	239.0220, 10.9610, -16.9350

Conversions

Conversions Part 2

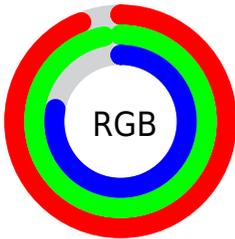
Format	Color
R_{YB}	198, 247, 206
Decimal	15726534
CIE _{Lab}	95.56, -10.65, 22.72
CIE _{LCh}	96, 25.089, 115.116
Yxy	88.9495, 0.3372, 0.3794
Android (android.graphics.Color)	4293916614 (0xFFEFF7C6)
YUV	239.0220, -20.2238, -0.0193
Hunter-Lab	94.3130, -15.4344, 24.2587

Details

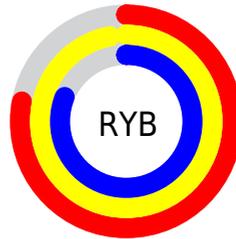
The XYZ color **79.0504, 88.9495, 66.4286** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.4397, 60.2278, 96.3348**, and the grayscale version is **82.2098, 86.4911, 94.1888**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1933, 49.3425, 33.6331** is the 20% darker color. If you saturate the color by 10%, you get **75.0842, 87.2104, 52.5642**, and if you desaturate by 10%, it is **83.5164, 90.8980, 82.7453**.

Distribution



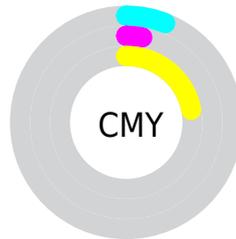
- Red (94%)
- Green (97%)
- Blue (78%)



- Red (78%)
- Yellow (97%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0504, 88.9495, 66.4286 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 79.0504, 88.9495, 66.4286 by changing the saturation by 10% instead.

79.0504, 88.9495,
66.4286

79.0504, 88.9495,
66.4286

480.5122,
524.6077, 466.3541

59.2430, 67.1097,
48.1617

130.9874,
145.8783, 115.7341

43.0559, 49.1738,
33.5941

163.8477,
181.7362, 147.6099

30.1237, 34.7574,
22.3071

201.7896,
223.0355, 184.8590

20.0810, 23.4760,
13.8823

245.1787,
270.1606, 227.9000

12.5626, 14.9454,
7.9010

294.3801,
323.4960, 277.1515

7.2029, 8.7811,
3.9448

349.7592,

3.6368, 4.5987,

383.4261, 333.0320

1.5951

411.6815,
450.3351, 395.9600

■ 1.4988, 2.0138,
0.2873

■ 0.3250, 0.6155,
0.0000

■ 79.0504, 88.9495,
66.4286

■ 79.0504, 88.9495,
66.4286

■ 75.0842, 87.2104,
52.5642

■ 83.5164, 90.8980,
82.7453

■ 71.5881, 85.6598,
41.0278

■ 88.4963, 93.0527,
101.6190

■ 68.5399, 84.2918,
31.6932

■ 91.1346, 94.2742,
108.0012

■ 65.9126, 83.0957,
24.4196

■ 92.5526, 95.0053,
108.0675

■ 63.6763, 82.0593,
19.0500

■ 61.7966, 81.1691,
15.4050

■ 60.2328, 80.4085,
13.2710

■ 58.9186, 79.7511,
12.2996

■ 58.8983, 79.7409,
12.2873

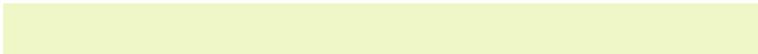
Harmonies

Analogous

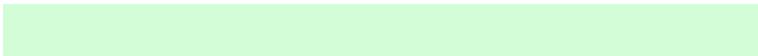
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6755, 88.9495, 63.7846



79.0504, 88.9495, 66.4286



74.1464, 88.9495, 76.7527

Triad

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



79.0504, 88.9495, 66.4286



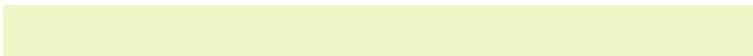
77.1992, 88.9495, 131.3850



98.4263, 88.9495, 100.1134

Complementary

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



79.0504, 88.9495, 66.4286



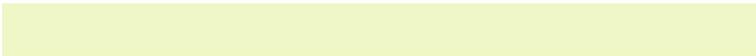
62.4397, 60.2278, 96.3348

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.



95.8704, 88.9495, 120.1830



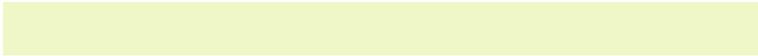
79.0504, 88.9495, 66.4286



83.4222, 88.9495, 139.7324

Square

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



79.0504, 88.9495, 66.4286



73.1190, 88.9495, 113.8443



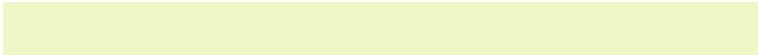
90.2860, 88.9495, 135.3788



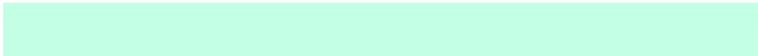
97.1008, 88.9495, 81.6387

Rectangle

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



79.0504, 88.9495, 66.4286



72.3887, 88.9495, 87.4387



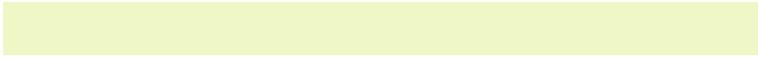
90.2860, 88.9495, 135.3788



97.9888, 88.9495, 106.9154

Sweetspot

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



79.0527, 88.9534, 66.4305



91.7700, 98.5825, 96.3961



70.4690, 67.6841, 62.7775



19.5688, 21.0688, 20.3545



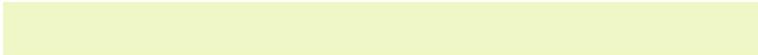
0.0000, 0.0000, 0.0000



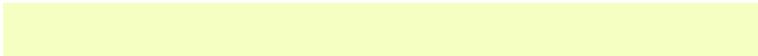
20.3446, 21.4041, 23.3091

Same Dimension

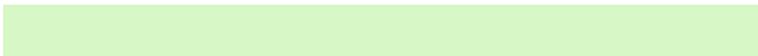
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0527, 88.9534, 66.4305



83.1321, 94.8189, 64.8416



71.5253, 85.0729, 66.0782



17.6333, 19.1685, 17.5681



31.2505, 42.2230, 6.5028



2.8160, 3.7467, 0.5748

Inverse Universe

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



62.4397, 60.2278, 96.3348



62.1438, 58.5234, 102.6286



69.5705, 63.9038, 96.6686



15.8333, 16.0567, 20.8073



9.4264, 3.8338, 46.7812



0.9003, 0.3740, 4.1150

Previews

White Background



This preview shows how the XYZ color 79.0504, 88.9495, 66.4286 looks on a white background.

Color Contrast Check

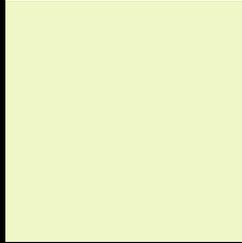
Large Text (above 18pt) WCAG AA × Fail

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 79.0504, 88.9495, 66.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

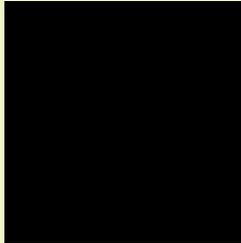
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0504, 88.9495, 66.4286

Background



This preview shows how black text looks on a background with the XYZ color 79.0504, 88.9495, 66.4286.



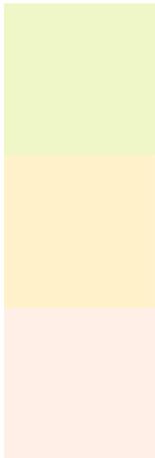
This preview shows how white text looks on a background with the XYZ color 79.0504, 88.9495,

66.4286.

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

79.0504, 88.9495, 66.4286

Protanopia

83.6528, 89.0285, 68.6524

Deuteranopia

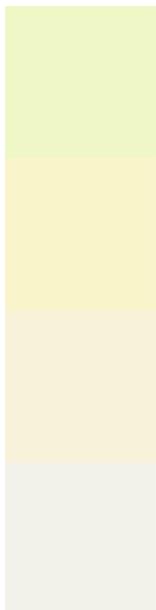
86.3894, 88.7062, 87.4317



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

79.0504, 88.9495, 66.4286

Protanomaly

81.9602, 89.0582, 68.1285

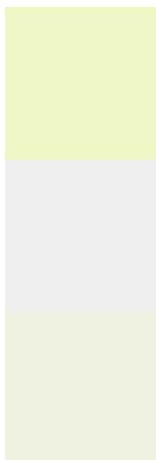
Deuteranomaly

83.4739, 88.7060, 79.0521

Tritanomaly

83.5656, 88.4995, 90.5196

Monochromacy



Original Color

79.0504, 88.9495, 66.4286

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.8033, 87.2368, 83.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0504, 88.9495, 66.4286 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(239, 247, 198)` looks like.

```
.text, #text, p{  
    color:rgb(239, 247, 198)  
}
```

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(239, 247, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 247, 198) }
```

Border

The CSS property to change the border of an element to XYZ 79.0504, 88.9495, 66.4286 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(239, 247, 198) }
```

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

```
.border{ border-color:rgb(239, 247, 198) }
```

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

Here you see how a box with a 4 pixel rgb(239, 247, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 247, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 247, 198);  
box-shadow:4px 4px 4px 4px rgb(239, 247,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0504, 88.9495, 66.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 247, 198) }
```

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

```
.background{ background-color: rgb(239,  
247, 198) }
```

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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