

Converting Colors

XYZ(79.0744, 105.5507,
66.6882)

Have a look what the booklet for
XYZ(79.0744, 105.5507, 66.6882)
contains.

XYZ(70.5625, 88.3494, 63.7862)	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(70.5625, 88.3494,
63.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFC1
RGB	205, 255, 193
RGB Percent	80%, 100%, 76%
CMY	0.1961, 0.0000, 0.2431
CMYK	0.20, 0.00, 0.24, 0.00
HSL	108°, 100%, 88%
HSV	108°, 24%, 100%
XYZ	70.5625, 88.3494, 63.7862
YIQ	232.9820, -9.8980, -29.8820

Conversions

Conversions Part 2

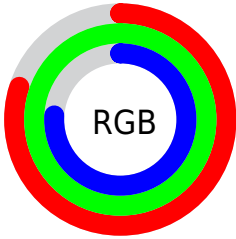
Format	Color
R _Y B	193, 255, 243
Decimal	13500353
CIE Lab	95.31, -27.04, 24.56
CIE LCh	95, 36.527, 137.744
Yxy	88.3494, 0.3169, 0.3967
Android (android.graphics.Color)	4291690433 (0xFFCDDFC1)
YUV	232.9820, -19.7111, -24.5402
Hunter-Lab	93.9944, -30.4884, 25.5608

Details

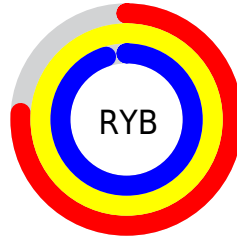
The XYZ color **70.5625, 88.3494, 63.7862** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.0830, 64.4158, 103.1366**, and the grayscale version is **77.5871, 81.6277, 88.8926**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **37.4320, 48.7363, 31.8603** is the 20% darker color. If you saturate the color by 10%, you get **62.6535, 84.5730, 49.8252**, and if you desaturate by 10%, it is **79.7088, 92.7070, 80.3680**.

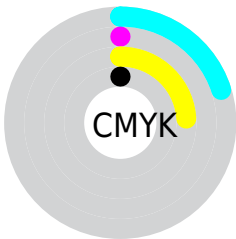
Distribution



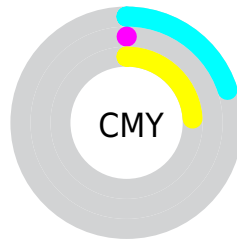
- Red (80%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5625, 88.3494, 63.7862 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 70.5625, 88.3494, 63.7862 by changing the saturation by 10% instead.


 70.5625, 88.3494,
63.7862

 70.5625, 88.3494,
63.7862

451.7582,
522.6468, 456.6034

 52.2665, 66.6125,
46.0325


 119.0325,
145.0435, 111.8995

 37.4427, 48.7698,
31.9226


149.9371,
180.7695, 143.0961

 25.7257, 34.4369,
21.0380


185.7754,
221.9272, 179.6107

 16.7501, 23.2294,
12.9603

226.9127,
268.9012, 221.8620

 10.1507, 14.7630,
7.2708

273.7142,
322.0757, 270.2683

 5.5620, 8.6532,
3.5510

326.5454,

 2.6187, 4.5157,

381.8352, 325.2483

1.3824

385.7716,
448.5641, 387.2205

■ 0.9555, 1.9660,
0.1280

■ 0.0000, 0.5876,
0.0000

■ 70.5625, 88.3494,
63.7862

■ 70.5625, 88.3494,
63.7862

■ 62.6535, 84.5730,
49.8252

■ 79.7088, 92.7070,
80.3680

■ 55.9260, 81.3519,
38.3470

■ 90.1414, 97.6683,
99.6907

■ 50.3226, 78.6597,
29.2072

95.0500, 100.0000,
108.9000

■ 45.7799, 76.4673,
22.2449

■ 42.2283, 74.7426,
17.2788

■ 39.5891, 73.4497,
14.0983

■ 37.7701, 72.5467,
12.4458

■ 37.0437, 72.1818,
11.9801

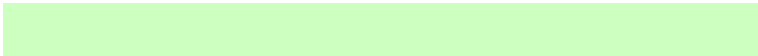
Harmonies

Analogous

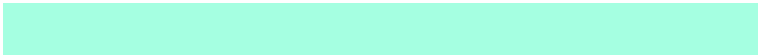
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2627, 88.3494, 52.7919



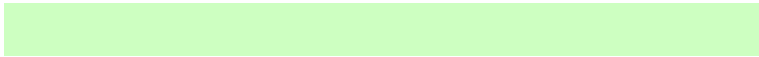
70.5625, 88.3494, 63.7862



66.5906, 88.3494, 85.0017

Triad

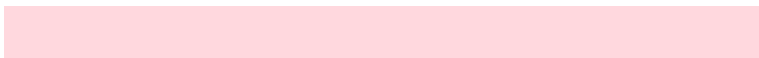
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5625, 88.3494, 63.7862



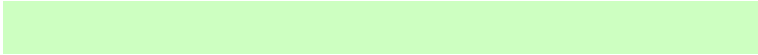
79.9674, 88.3494, 160.4781



103.5975, 88.3494, 80.4093

Complementary

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



70.5625, 88.3494, 63.7862



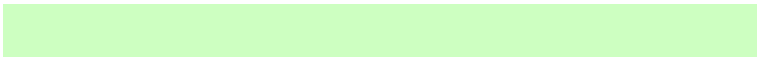
74.0830, 64.4158, 103.1366

Split Complementary

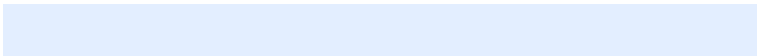
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.1452, 88.3494, 108.3356



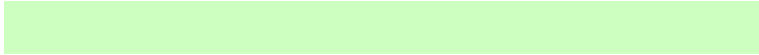
70.5625, 88.3494, 63.7862



89.9554, 88.3494, 158.5711

Square

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



70.5625, 88.3494, 63.7862



71.7251, 88.3494, 142.8498



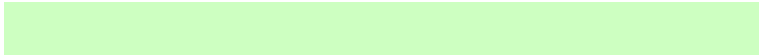
98.9843, 88.3494, 138.0640



97.5424, 88.3494, 61.0001

Rectangle

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



70.5625, 88.3494, 63.7862



66.3662, 88.3494, 103.7904



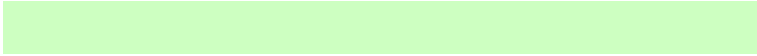
98.9843, 88.3494, 138.0640



104.4482, 88.3494, 88.9842

Sweetspot

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



70.5631, 88.3497, 63.7875



87.2088, 96.2745, 94.2222



82.7970, 88.9727, 63.2630



18.5281, 20.5410, 19.9105



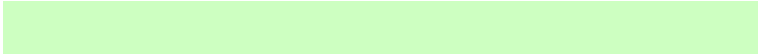
0.0000, 0.0000, 0.0000



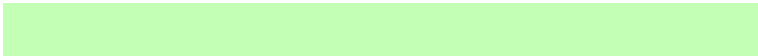
20.3446, 21.4041, 23.3091

Same Dimension

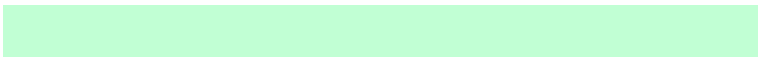
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5631, 88.3497, 63.7875



66.7050, 86.5086, 56.9251



69.5864, 87.5911, 75.2634



18.0996, 20.3373, 19.1159



19.4488, 37.7643, 6.2642



1.9757, 3.7193, 0.6138

Inverse Universe

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



74.0830, 64.4158, 103.1366



70.7532, 58.9340, 102.2540



75.5091, 65.4804, 88.3217



18.4279, 18.1123, 22.7747



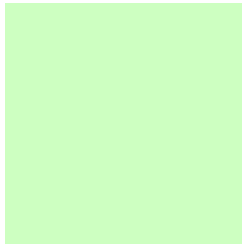
22.8029, 10.6658, 50.2914



2.3044, 1.0819, 4.9006

Previews

White Background



This preview shows how the XYZ color 70.5625, 88.3494, 63.7862 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 70.5625, 88.3494, 63.7862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

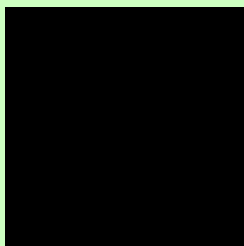
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

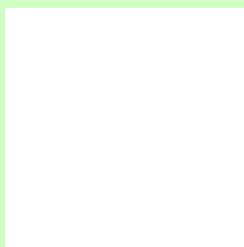
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5625, 88.3494, 63.7862

Background



This preview shows how black text looks on a background with the XYZ color 70.5625, 88.3494, 63.7862.



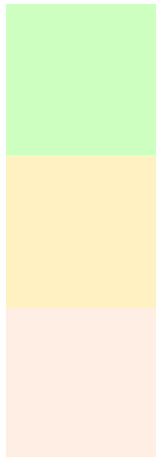
This preview shows how white text looks on a background with the XYZ color 70.5625, 88.3494,

63.7862.

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

70.5625, 88.3494, 63.7862

Protanopia

82.4329, 88.0656, 63.6926

Deuteranopia

85.6797, 87.9551, 85.1343



Tritanopia

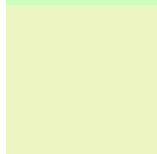
82.3956, 88.4153, 107.3309

Trichromacy



Original Color

70.5625, 88.3494, 63.7862



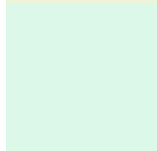
Protanomaly

77.6184, 87.8111, 63.8972



Deuteranomaly

79.5415, 87.6122, 77.0085



Tritanomaly

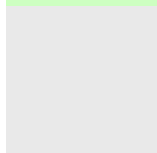
77.6481, 88.1766, 89.2712

Monochromacy



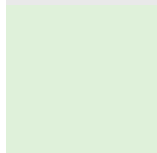
Original Color

70.5625, 88.3494, 63.7862



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.5416, 83.6605, 78.5490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5625, 88.3494, 63.7862 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(205, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 193)  
}
```

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(205, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 193) }
```

Border

The CSS property to change the border of an element to XYZ 70.5625, 88.3494, 63.7862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

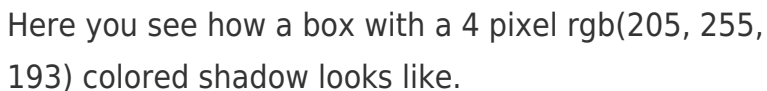
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 255, 193) }
```


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

```
.border{ border-color:rgb(205, 255, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 255, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 255, 193); box-shadow:4px 4px 4px 4px rgb(205, 255, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5625, 88.3494, 63.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 193) }
```

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

```
.background{ background-color: rgb(205,  
255, 193) }
```

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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