

Converting Colors

XYZ(82.5973, 100.0000,
66.9150)

Have a look what the booklet for
XYZ(82.5973, 100.0000, 66.9150)
contains.

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Color

**XYZ(79.0025, 92.6613,
65.9461)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFC4
RGB	232, 255, 196
RGB Percent	91%, 100%, 77%
CMY	0.0902, 0.0000, 0.2314
CMYK	0.09, 0.00, 0.23, 0.00
HSL	83°, 100%, 88%
HSV	83°, 23%, 100%
XYZ	79.0025, 92.6613, 65.9461
YIQ	241.3970, 5.2310, -23.2250

Conversions

Conversions Part 2

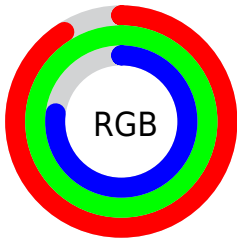
Format	Color
RYB	196, 255, 219
Decimal	15269828
CIELab	97.09, -17.34, 25.77
CIELCh	97, 31.060, 123.941
Yxy	92.6613, 0.3325, 0.3900
Android (android.graphics.Color)	4293459908 (0xFFE8FFC4)
YUV	241.3970, -22.3807, -8.2412
Hunter-Lab	96.2607, -21.9589, 26.7643

Details

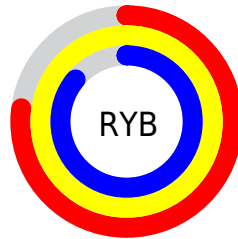
The XYZ color **79.0025, 92.6613, 65.9461** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.0043, 61.7612, 102.9973**, and the grayscale version is **84.0893, 88.4684, 96.3421**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **42.9811, 51.5713, 33.2801** is the 20% darker color. If you saturate the color by 10%, you get **73.2059, 89.9804, 51.7894**, and if you desaturate by 10%, it is **85.4761, 95.6342, 82.7122**.

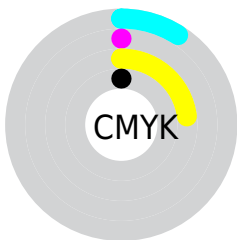
Distribution



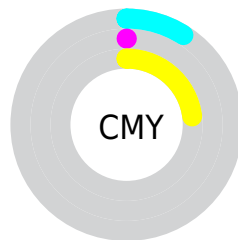
- Red (91%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0025, 92.6613, 65.9461 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 79.0025, 92.6613, 65.9461 by changing the saturation by 10% instead.

79.0025, 92.6613,
65.9461

79.0025, 92.6613,
65.9461

480.3527,
536.6505, 464.5830

59.2035, 70.1900,
47.7724

130.9203,
151.0296, 115.0352

43.0240, 51.6815,
33.2880

163.7698,
187.6954, 146.7878

30.0985, 36.7512,
22.0742

201.7002,
229.8615, 183.9037

20.0618, 25.0149,
13.7126

245.0768,
277.9124, 226.8016

12.5485, 16.0882,
7.7846

294.2650,
332.2323, 275.8999

7.1932, 9.5866,
3.8716

349.6301,

3.6306, 5.1257,

393.2056, 331.6172

1.5552

411.5376,
461.2169, 394.3721

■ 1.4954, 2.3212,
0.2585

■ 0.3227, 0.7849,
0.0000

■ 79.0025, 92.6613,
65.9461

■ 79.0025, 92.6613,
65.9461

■ 73.2059, 89.9804,
51.7894

■ 85.4761, 95.6342,
82.7122

■ 68.0568, 87.5792,
40.1065

■ 92.6511, 98.9090,
102.2056

■ 63.5255, 85.4455,
30.7558

■ 95.0500, 100.0000,
108.9000

■ 59.5790, 83.5657,
23.5799

■ 56.1804, 81.9248,
18.4016

■ 53.2877, 80.5055,
15.0163

■ 50.8500, 79.2870,
13.1750

■ 49.3916, 78.5474,
12.5579

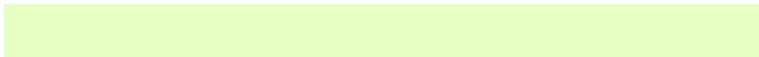
Harmonies

Analogous

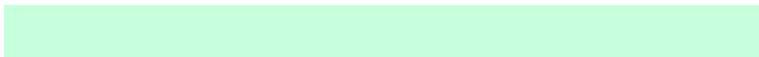
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9198, 92.6613, 60.0309



79.0025, 92.6613, 65.9461



73.7972, 92.6613, 81.1595

Triad

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



79.0025, 92.6613, 65.9461



80.8812, 92.6613, 150.6994



105.9574, 92.6613, 97.6148

Complementary

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



79.0025, 92.6613, 65.9461



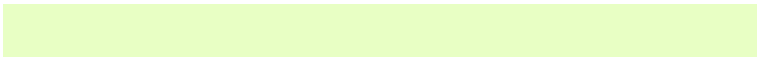
67.0043, 61.7612, 102.9973

Split Complementary

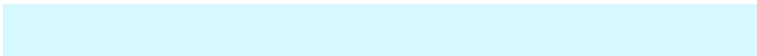
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.0777, 92.6613, 123.5896



79.0025, 92.6613, 65.9461



89.2339, 92.6613, 157.0419

Square

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



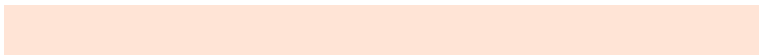
79.0025, 92.6613, 65.9461



74.8304, 92.6613, 130.2778



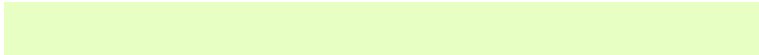
97.8099, 92.6613, 146.4107



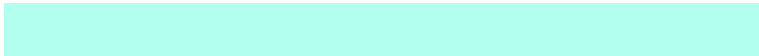
102.7897, 92.6613, 76.2956

Rectangle

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



79.0025, 92.6613, 65.9461



72.3690, 92.6613, 95.8883



97.8099, 92.6613, 146.4107



105.8960, 92.6613, 106.0676

Sweetspot

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



79.0030, 92.6616, 65.9475



89.7941, 97.6072, 94.3431



76.4360, 75.7096, 62.8107



19.1262, 20.8493, 19.9385



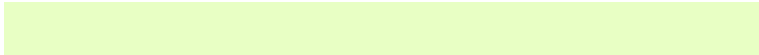
0.0000, 0.0000, 0.0000



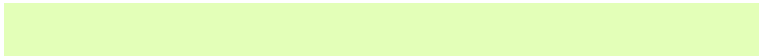
20.3446, 21.4041, 23.3091

Same Dimension

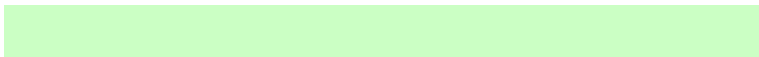
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0030, 92.6616, 65.9475



76.1008, 91.3218, 58.7438



70.3214, 88.1860, 65.5412



18.8355, 20.7166, 19.1503



25.9805, 41.1315, 6.5699



2.6522, 4.0680, 0.6454

Inverse Universe

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



67.0043, 61.7612, 102.9973



62.0960, 55.2481, 101.9989



76.5433, 66.6787, 103.4437



17.6727, 17.7230, 22.7394



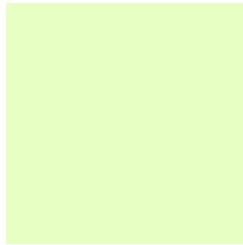
12.2985, 5.2506, 49.7998



1.3156, 0.5721, 4.8544

Previews

White Background



This preview shows how the XYZ color 79.0025, 92.6613, 65.9461 looks on a white background.

Color Contrast Check

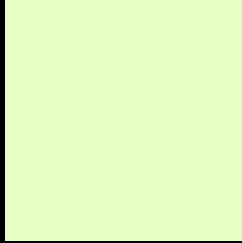
Large Text (above 18pt) WCAG AA × Fail

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 79.0025, 92.6613, 65.9461 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

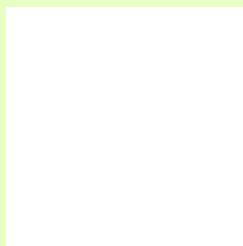
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0025, 92.6613, 65.9461

Background



This preview shows how black text looks on a background with the XYZ color 79.0025, 92.6613, 65.9461.

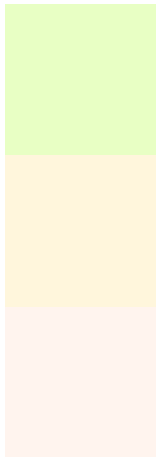


This preview shows how white text looks on a background with the XYZ color 79.0025, 92.6613,

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

79.0025, 92.6613, 65.9461

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

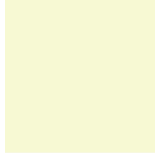
88.3140, 92.3646, 107.7813

Trichromacy



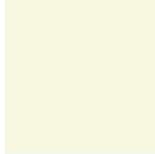
Original Color

79.0025, 92.6613, 65.9461



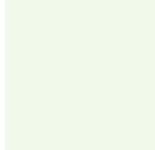
Protanomaly

83.9913, 92.2287, 75.0031



Deuteranomaly

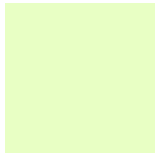
85.2445, 92.2367, 83.1226



Tritanomaly

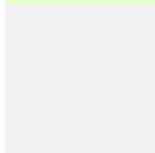
84.6621, 92.2171, 91.1794

Monochromacy



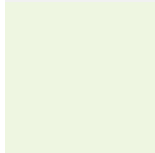
Original Color

79.0025, 92.6613, 65.9461



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.8063, 89.5249, 84.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0025, 92.6613, 65.9461 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(232, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 196)  
}
```

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(232, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 196) }
```

Border

The CSS property to change the border of an element to XYZ 79.0025, 92.6613, 65.9461 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(232, 255, 196) }
```


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

```
.border{ border-color:rgb(232, 255, 196) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0025, 92.6613, 65.9461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 196) }
```

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

```
.background{ background-color: rgb(232,  
255, 196) }
```

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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