

# Converting Colors

XYZ(65.3552, 85.3591, 77.3580)

Have a look what the booklet for  
XYZ(65.3552, 85.3591, 77.3580)  
contains.

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# Color

**XYZ(65.2593, 85.3105,  
77.3170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADFFD7
RGB	173, 255, 215
RGB Percent	68%, 100%, 84%
CMY	0.3216, 0.0000, 0.1569
CMYK	0.32, 0.00, 0.16, 0.00
HSL	151°, 100%, 84%
HSV	151°, 32%, 100%
XYZ	65.2593, 85.3105, 77.3170
YIQ	225.9220, -36.0320, -29.8240

# Conversions

## Conversions Part 2

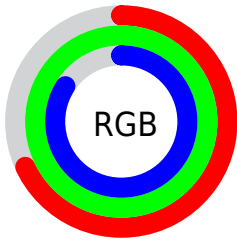
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 227, 255
Decimal	11403223
CIELab	94.02, -33.11, 11.25
CIELCh	94, 34.970, 161.227
Yxy	85.3105, 0.2864, 0.3744
Android (android.graphics.Color)	4289593303 (0xFFADFFD7)
YUV	225.9220, -5.3845, -46.4126
Hunter-Lab	92.3637, -35.5178, 15.0233

# Details

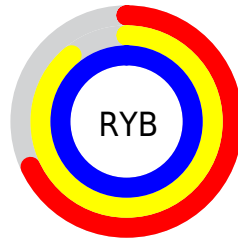
The XYZ color **65.2593, 85.3105, 77.3170** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.1943, 55.9521, 70.1566**, and the grayscale version is **72.2885, 76.0531, 82.8219**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **34.0105, 46.7778, 40.4942** is the 20% darker color. If you saturate the color by 10%, you get **58.6104, 82.0606, 68.9776**, and if you desaturate by 10%, it is **73.1074, 89.1646, 86.3497**.

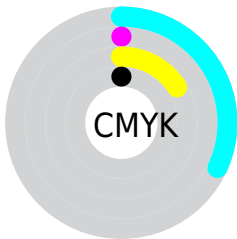
# Distribution



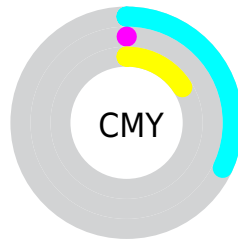
- Red (68%)
- Green (100%)
- Blue (84%)



- Red (68%)
- Yellow (89%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (32%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2593, 85.3105, 77.3170 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 65.2593, 85.3105, 77.3170 by changing the saturation by 10% instead.





 65.2593, 85.3105,  
77.3170

 65.2593, 85.3105,  
77.3170


433.2537,  
512.6549, 505.3105

 47.9368, 64.0980,  
57.0000


 111.4862,  
140.8069, 131.3640

 33.9879, 46.7300,  
40.5959


141.1214,  
175.8596, 165.9310

 23.0472, 32.8223,  
27.6861


175.5915,  
216.2944, 206.0851

 14.7492, 21.9903,  
17.8522

215.2619,  
262.4958, 252.2448

 8.7287, 13.8498,  
10.6756

260.4980,  
314.8482, 304.8286

 4.6204, 8.0163,  
5.7377

311.6651,

 2.0587, 4.1054,

373.7359, 364.2552

2.6201

369.1285,  
439.5433, 430.9429

■ 0.6666, 1.7327,  
0.9028

■ 0.0000, 0.4447,  
0.0000

■ 65.2593, 85.3105,  
77.3170

■ 65.2593, 85.3105,  
77.3170

■ 58.6104, 82.0606,  
68.9776

■ 73.1074, 89.1646,  
86.3497

■ 53.0942, 79.3809,  
61.3103

■ 82.2115, 93.6518,  
96.0878

■ 48.6412, 77.2359,  
54.2986

■ 92.6274, 98.8006,  
106.5485

■ 45.1727, 75.5853,  
47.9239

95.0500, 100.0000,  
108.9000

■ 42.5984, 74.3829,  
42.1662

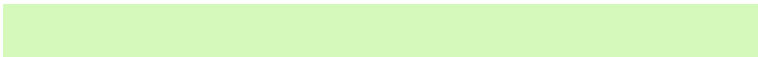
■ 40.8095, 73.5731,  
37.0042

■ 39.8305, 73.1482,  
33.3550

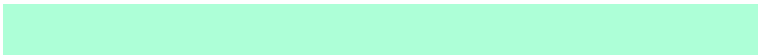
# Harmonies

## Analogous

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



69.8282, 85.3105, 59.3599



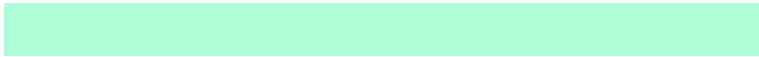
65.2593, 85.3105, 77.3170



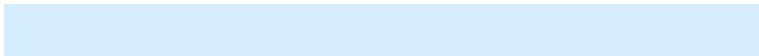
64.7320, 85.3105, 103.2543

# Triad

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



65.2593, 85.3105, 77.3170



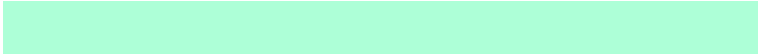
84.6280, 85.3105, 152.9408



95.3386, 85.3105, 62.9780

# Complementary

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



65.2593, 85.3105, 77.3170



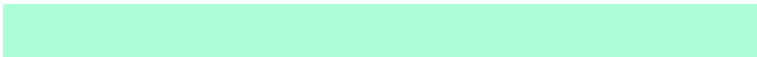
68.1943, 55.9521, 70.1566

# 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.



99.9834, 85.3105, 83.2410



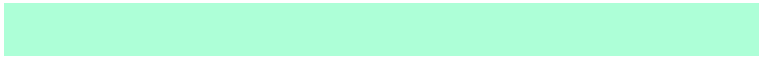
65.2593, 85.3105, 77.3170



93.4910, 85.3105, 137.1322

# Square

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



65.2593, 85.3105, 77.3170



75.4481, 85.3105, 150.5137



99.2825, 85.3105, 110.4221

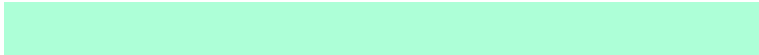


86.9961, 85.3105, 52.2440



# Rectangle

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



65.2593, 85.3105, 77.3170



66.6926, 85.3105, 122.1491



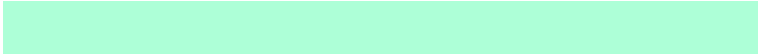
99.2825, 85.3105, 110.4221



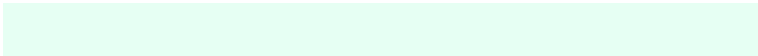
97.4121, 85.3105, 68.7193

# Sweetspot

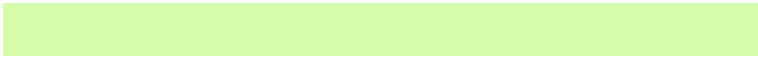
The Sweet Spot groups the original color and five complimentary colors.



65.2601, 85.3109, 77.3184



84.3443, 94.7050, 98.2815



71.0349, 88.8335, 52.9390



17.7541, 20.1231, 20.7294



0.0000, 0.0000, 0.0000

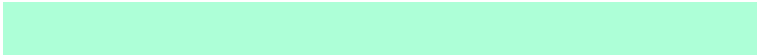


20.3446, 21.4041, 23.3091

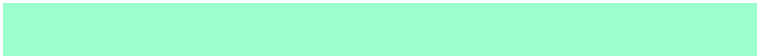


# Same Dimension

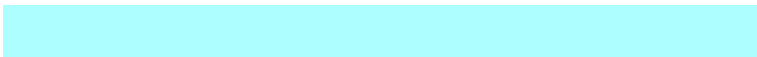
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2601, 85.3109, 77.3184



60.5835, 83.0231, 71.5364



71.0441, 87.6245, 107.7765



18.1599, 20.3235, 21.1452



20.8881, 38.2518, 17.8276



2.0890, 3.7465, 2.0266



# Inverse Universe

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



68.1943, 55.9521, 70.1566



63.9595, 49.2487, 63.3001



63.7271, 54.1652, 46.6325



18.3786, 18.1348, 20.6110



23.5375, 11.9043, 11.4807

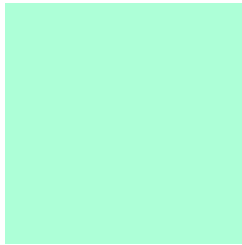


2.3467, 1.1811, 1.4073



# Previews

## White Background



This preview shows how the XYZ color 65.2593, 85.3105, 77.3170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

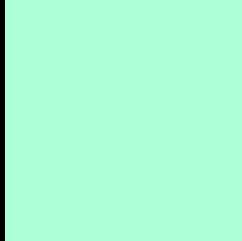
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.2593, 85.3105, 77.3170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

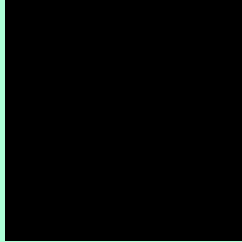
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.2593, 85.3105, 77.3170

## Background



This preview shows how black text looks on a background with the XYZ color 65.2593, 85.3105, 77.3170.



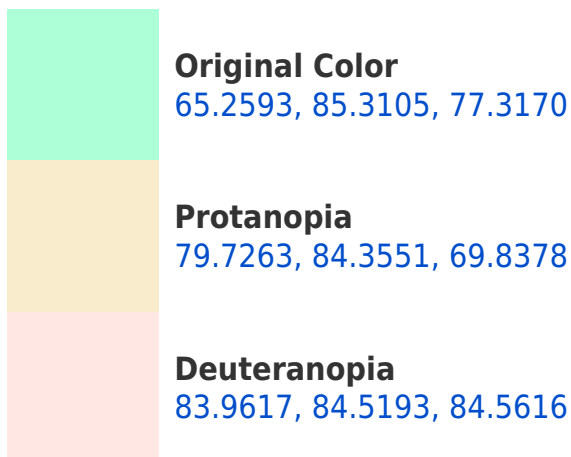
This preview shows how white text looks on a background with the XYZ color 65.2593, 85.3105,



# 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





## Tritanopia

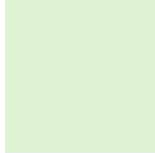
76.3951, 84.8765, 106.9641

# Trichromacy



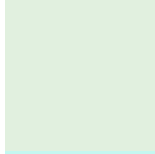
## Original Color

65.2593, 85.3105, 77.3170



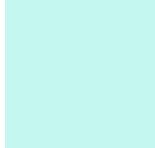
## Protanomaly

73.3780, 84.0768, 72.6826



## Deuteranomaly

75.5307, 83.6554, 81.9783



## Tritanomaly

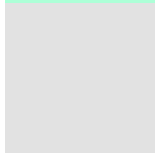
71.7539, 84.5486, 94.9757

# Monochromacy



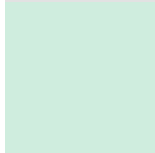
## Original Color

65.2593, 85.3105, 77.3170



## Achromatopsia

72.2879, 76.0525, 82.8211



## Achromatomaly

69.2011, 79.1077, 80.7293

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.2593, 85.3105, 77.3170 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(173, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 215)  
}
```

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(173, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 65.2593, 85.3105, 77.3170 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(173, 255, 215) }
```



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

```
.border{ border-color:rgb(173, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.2593, 85.3105, 77.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 215) }
```

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

```
.background{ background-color: rgb(173,  
255, 215) }
```

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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