

Converting Colors

XYZ(65.0853, 73.8648,
105.4347)

Have a look what the booklet for
XYZ(65.0853, 73.8648, 105.4347)
contains.

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Color

**XYZ(65.2163, 73.9555,
105.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E7FF
RGB	179, 231, 255
RGB Percent	70%, 91%, 100%
CMY	0.2980, 0.0941, 0.0000
CMYK	0.30, 0.09, 0.00, 0.00
HSL	199°, 100%, 85%
HSV	199°, 30%, 100%
XYZ	65.2163, 73.9555, 105.4453
YIQ	218.1880, -38.6960, -3.5600

Conversions

Conversions Part 2

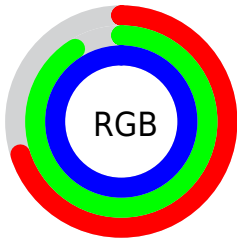
Format	Color
R _Y B	179, 210, 255
Decimal	11790335
CIE Lab	88.90, -11.16, -17.01
CIE LCh	89, 20.341, 236.735
Yxy	73.9555, 0.2666, 0.3023
Android (android.graphics.Color)	4289980415 (0xFFB3E7FF)
YUV	218.1880, 18.1483, -34.3679
Hunter-Lab	85.9974, -15.1296, -12.5000

Details

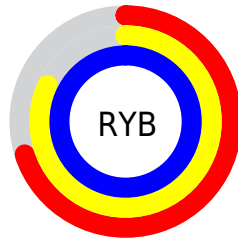
The XYZ color **65.2163, 73.9555, 105.4453** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7328, 67.2263, 51.8976**, and the grayscale version is **66.6698, 70.1418, 76.3844**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **33.8352, 39.0222, 59.1748** is the 20% darker color. If you saturate the color by 10%, you get **57.6572, 66.7915, 104.4609**, and if you desaturate by 10%, it is **73.9729, 81.8943, 106.5161**.

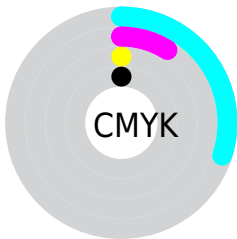
Distribution



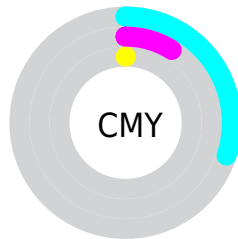
- Red (70%)
- Green (91%)
- Blue (100%)



- Red (70%)
- Yellow (82%)
- Blue (100%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2163, 73.9555, 105.4453 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 65.2163, 73.9555, 105.4453 by changing the saturation by 10% instead.

65.2163, 73.9555,
105.4453

65.2163, 73.9555,
105.4453

433.1018,
474.3198, 598.9084

47.9018, 54.7576,
80.2137

111.4248,
124.8327, 170.7373

33.9601, 39.2077,
59.3670

141.0495,
157.2809, 211.6347

23.0257, 26.9213,
42.4867

175.5083,
194.9145, 258.5912

14.7333, 17.5142,
29.1542

215.1666,
238.1181, 312.0253

8.7175, 10.6017,
18.9509

260.3898,
287.2761, 372.3556

4.6130, 5.7997,
11.4583

311.5431,

2.0544, 2.7237,

342.7727, 440.0005

6.2580

368.9920,
404.9925, 515.3786

■ 0.6643, 0.9892,
2.9313

■ 0.0000, 0.0000,
1.0596

■ 65.2163, 73.9555,
105.4453

■ 65.2163, 73.9555,
105.4453

■ 57.6572, 66.7915,
104.4609

■ 73.9729, 81.8943,
106.5161

■ 51.2279, 60.3600,
103.5584

■ 83.9779, 90.6308,
107.6751

■ 45.8631, 54.6271,
102.7346

95.0500, 100.0000,
108.9000

■ 41.4878, 49.5519,
101.9856

■ 38.0163, 45.0881,
101.3069

■ 35.3467, 41.1809,
100.6935

■ 33.3170, 37.7446,
100.1372

■ 33.2798, 37.6796,
100.1266

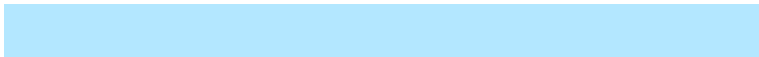
Harmonies

Analogous

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



62.1559, 73.9555, 93.3761



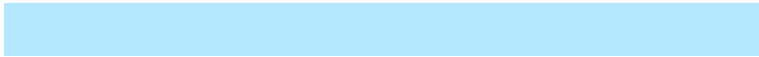
65.2163, 73.9555, 105.4453



69.7536, 73.9555, 110.8095

Triad

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



65.2163, 73.9555, 105.4453



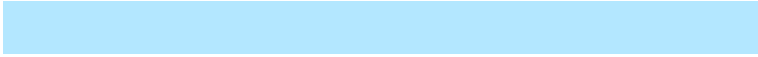
80.1955, 73.9555, 82.0823



66.1106, 73.9555, 58.6161

Complementary

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



65.2163, 73.9555, 105.4453



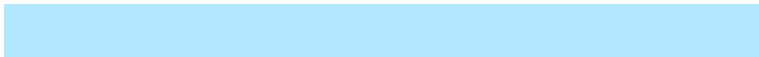
70.7328, 67.2263, 51.8976

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.



70.8342, 73.9555, 56.3318



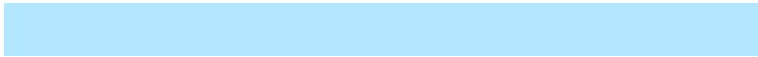
65.2163, 73.9555, 105.4453



79.1099, 73.9555, 68.9106

Square

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



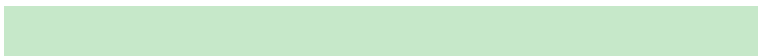
65.2163, 73.9555, 105.4453



78.5268, 73.9555, 96.3657



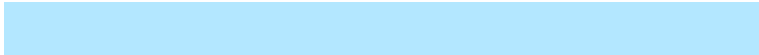
75.6255, 73.9555, 59.8772



62.6550, 73.9555, 66.5229

Rectangle

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



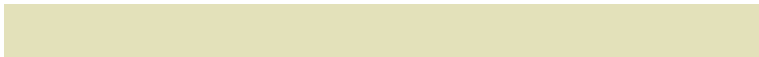
65.2163, 73.9555, 105.4453



73.0596, 73.9555, 109.4461



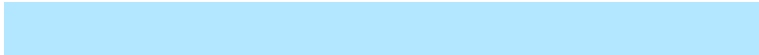
75.6255, 73.9555, 59.8772



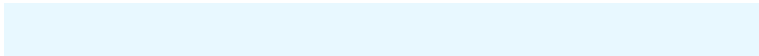
67.5961, 73.9555, 57.2083

Sweetspot

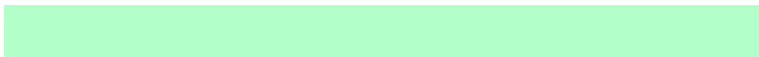
The Sweet Spot groups the original color and five complimentary colors.



65.2183, 73.9583, 105.4458



84.8366, 91.3676, 107.7721



64.9885, 85.3590, 68.8052



17.8266, 19.2714, 23.0301



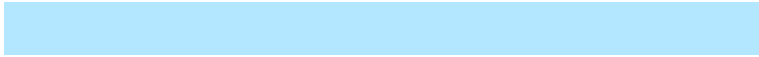
0.0000, 0.0000, 0.0000



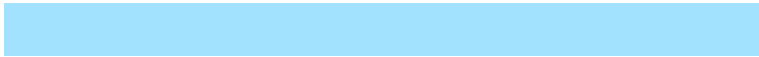
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2183, 73.9583, 105.4458



60.3955, 69.4282, 104.8255



55.9782, 55.4780, 102.3657



18.0428, 19.4572, 23.0546



17.5295, 19.9685, 52.3650



1.8049, 2.1406, 5.1313

Inverse Universe

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



71.7852, 59.2714, 83.2615



68.1022, 53.0172, 78.6058



80.4785, 86.7177, 55.1462



18.5342, 18.1970, 21.4304



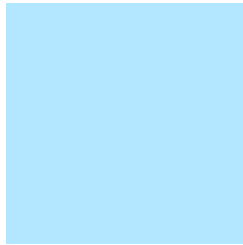
25.6363, 12.7438, 22.5328



2.5457, 1.2606, 2.4549

Previews

White Background



This preview shows how the XYZ color 65.2163, 73.9555, 105.4453 looks on a white background.

Color Contrast Check

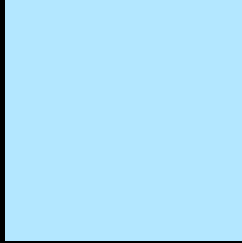
Large Text (above 18pt) WCAG AA × Fail

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 65.2163, 73.9555, 105.4453 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 65.2163, 73.9555, 105.4453

Background



This preview shows how black text looks on a background with the XYZ color 65.2163, 73.9555, 105.4453.

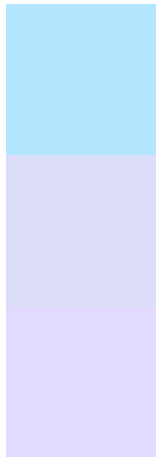


This preview shows how white text looks on a background with the XYZ color 65.2163, 73.9555,

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

65.2163, 73.9555, 105.4453

Protanopia

72.1688, 73.6125, 100.0275

Deuteranopia

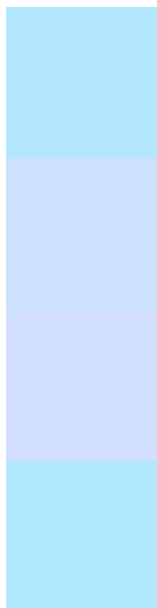
74.8000, 73.6937, 104.8897



Tritanopia

64.4720, 74.0803, 101.3434

Trichromacy



Original Color

65.2163, 73.9555, 105.4453

Protanomaly

69.2396, 73.6528, 101.8339

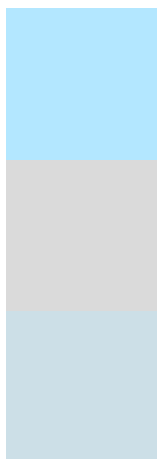
Deuteranomaly

71.0160, 73.6970, 105.0897

Tritanomaly

64.7874, 74.2065, 103.0041

Monochromacy



Original Color

65.2163, 73.9555, 105.4453

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7133, 71.3822, 85.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2163, 73.9555, 105.4453 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(179, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 231, 255)  
}
```

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(179, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2163, 73.9555, 105.4453 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(179, 231, 255) }
```


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

```
.border{ border-color:rgb(179, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2163, 73.9555, 105.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 231, 255) }
```

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

```
.background{ background-color: rgb(179,  
231, 255) }
```

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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