

Converting Colors

XYZ(67.6660, 74.5566,
105.4322)

Have a look what the booklet for
XYZ(67.6660, 74.5566, 105.4322)
contains.

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Color

**XYZ(67.5552, 74.3350,
105.3953)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE5FF
RGB	191, 229, 255
RGB Percent	75%, 90%, 100%
CMY	0.2510, 0.1019, 0.0000
CMYK	0.25, 0.10, 0.00, 0.00
HSL	204°, 100%, 87%
HSV	204°, 25%, 100%
XYZ	67.5552, 74.3350, 105.3953
YIQ	220.6020, -30.9940, 0.0300

Conversions

Conversions Part 2

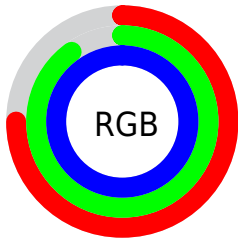
Format	Color
R _Y B	191, 215, 255
Decimal	12576255
CIE Lab	89.08, -6.72, -16.67
CIE LCh	89, 17.971, 248.044
Yxy	74.3350, 0.2732, 0.3006
Android (android.graphics.Color)	4290766335 (0xFFBFE5FF)
YUV	220.6020, 16.9582, -25.9610
Hunter-Lab	86.2177, -11.0189, -12.1255

Details

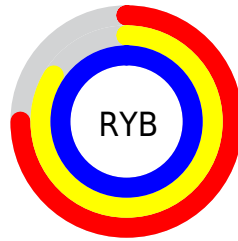
The XYZ color **67.5552, 74.3350, 105.3953** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.4568, 74.6468, 59.7233**, and the grayscale version is **68.3506, 71.9101, 78.3101**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **35.4824, 39.5836, 59.1963** is the 20% darker color. If you saturate the color by 10%, you get **58.9113, 65.7521, 104.1942**, and if you desaturate by 10%, it is **77.4906, 83.8412, 106.7065**.

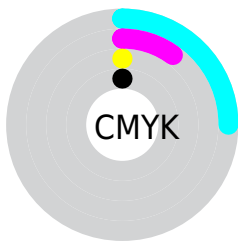
Distribution



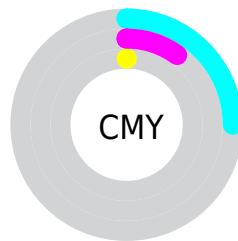
- Red (75%)
- Green (90%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5552, 74.3350, 105.3953 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 67.5552, 74.3350, 105.3953 by changing the saturation by 10% instead.

67.5552, 74.3350,
105.3953

67.5552, 74.3350,
105.3953

441.3199,
475.6288, 598.7492

49.8083, 55.0683,
80.1721

114.7610,
125.3706, 170.6683

35.4783, 39.4564,
59.3330

144.9506,
157.9082, 211.5552

24.1998, 27.1149,
42.4594

180.0186,
195.6383, 258.5003

15.6074, 17.6596,
29.1330

220.3301,
238.9452, 311.9223

9.3359, 10.7059,
18.9350

266.2507,
288.2133, 372.2396

5.0198, 5.8694,
11.4470

318.1456,

2.2937, 2.7658,

343.8270, 439.8709

6.2504

376.3802,
406.1707, 515.2346

■ 0.7915, 1.0107,
2.9267

■ 0.0000, 0.0000,
1.0573

■ 67.5552, 74.3350,
105.3953

■ 67.5552, 74.3350,
105.3953

■ 58.9113, 65.7521,
104.1942

■ 77.4906, 83.8412,
106.7065

■ 51.4920, 58.0482,
103.0982

■ 88.7679, 94.2956,
108.1300

■ 45.2332, 51.1875,
102.1039

95.0500, 100.0000,
108.9000

■ 40.0621, 45.1279,
101.2068

■ 35.8966, 39.8223,
100.4023

■ 32.6418, 35.2168,
99.6849

■ 30.1809, 31.2462,
99.0482

■ 29.1842, 29.4883,
98.7614

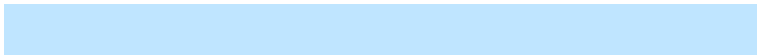
Harmonies

Analogous

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



64.2348, 74.3350, 96.7075



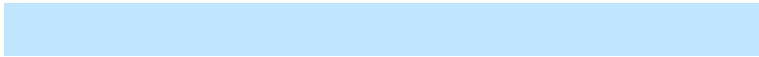
67.5552, 74.3350, 105.3953



71.8367, 74.3350, 107.2060

Triad

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



67.5552, 74.3350, 105.3953



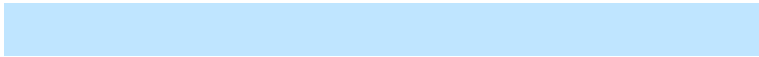
79.3119, 74.3350, 77.6141



65.5960, 74.3350, 63.4131

Complementary

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



67.5552, 74.3350, 105.3953



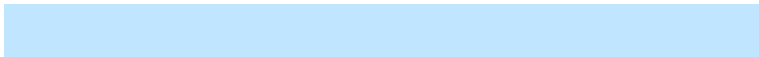
75.4568, 74.6468, 59.7233

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.



69.4828, 74.3350, 59.3551



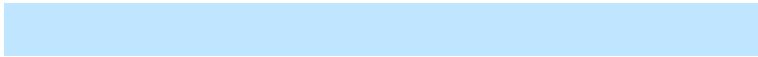
67.5552, 74.3350, 105.3953



77.4855, 74.3350, 66.9837

Square

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



67.5552, 74.3350, 105.3953



78.7439, 74.3350, 90.2816



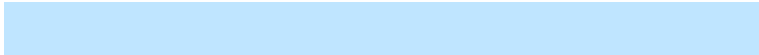
73.8445, 74.3350, 60.5914



63.1366, 74.3350, 72.2627

Rectangle

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



67.5552, 74.3350, 105.3953



74.6815, 74.3350, 104.1112



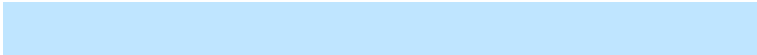
73.8445, 74.3350, 60.5914



66.7724, 74.3350, 61.4872

Sweetspot

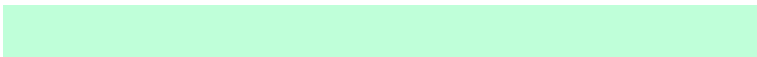
The Sweet Spot groups the original color and five complimentary colors.



67.5572, 74.3379, 105.3957



85.3522, 91.1606, 107.7050



69.7193, 87.5858, 78.6057



17.8998, 19.1713, 23.0070



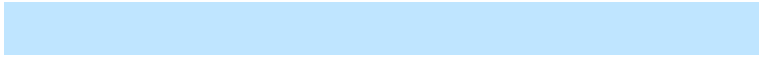
0.0000, 0.0000, 0.0000



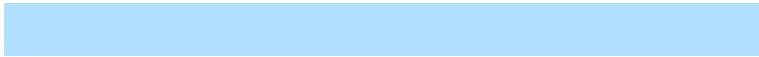
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5572, 74.3379, 105.3957



63.1607, 70.0156, 104.7932



59.5945, 58.4125, 102.7415



17.8998, 19.1713, 23.0070



15.3998, 15.7092, 51.6551



1.6068, 1.7443, 5.0653

Inverse Universe

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



74.0150, 64.1804, 82.6191



70.7045, 58.6779, 78.0676



84.3966, 92.5263, 62.7033



18.4621, 18.1682, 21.0505



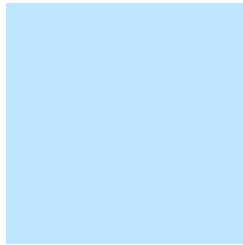
24.5613, 12.3138, 16.8721



2.4456, 1.2206, 1.9282

Previews

White Background



This preview shows how the XYZ color 67.5552, 74.3350, 105.3953 looks on a white background.

Color Contrast Check

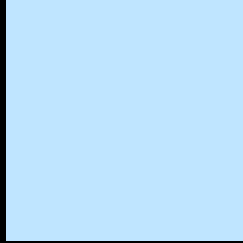
Large Text (above 18pt) WCAG AA × Fail

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 67.5552, 74.3350, 105.3953 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

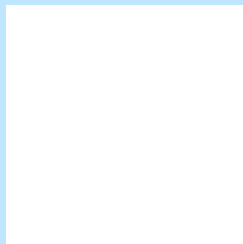
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5552, 74.3350, 105.3953

Background



This preview shows how black text looks on a background with the XYZ color 67.5552, 74.3350, 105.3953.

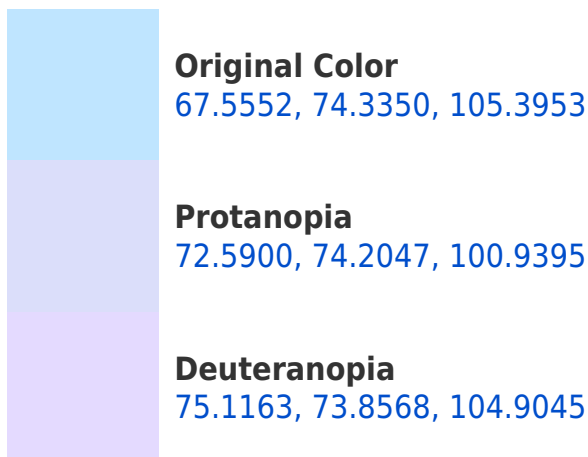


This preview shows how white text looks on a background with the XYZ color 67.5552, 74.3350,

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

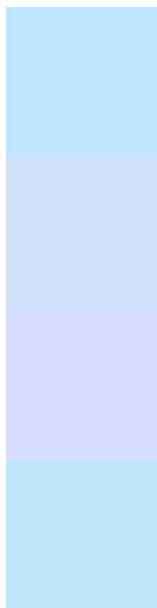




Tritanopia

66.4753, 74.3181, 99.6481

Trichromacy



Original Color

67.5552, 74.3350, 105.3953

Protanomaly

70.7904, 74.4340, 102.7316

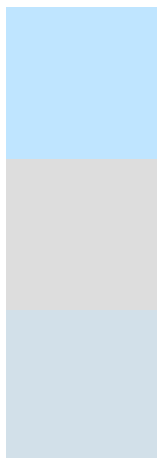
Deuteranomaly

72.1956, 73.9096, 105.0686

Tritanomaly

66.9446, 74.5058, 102.1195

Monochromacy



Original Color

67.5552, 74.3350, 105.3953

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9420, 72.8961, 87.5802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5552, 74.3350, 105.3953 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(191, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 229, 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(191, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.5552, 74.3350, 105.3953 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(191, 229, 255) }
```


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

```
.border{ border-color:rgb(191, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5552, 74.3350, 105.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 229, 255) }
```

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

```
.background{ background-color: rgb(191,  
229, 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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