

Converting Colors

XYZ(69.1568, 76.0240,
105.6369)

Have a look what the booklet for
XYZ(69.1568, 76.0240, 105.6369)
contains.

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Color

**XYZ(69.1316, 75.9739,
105.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E7FF
RGB	195, 231, 255
RGB Percent	76%, 91%, 100%
CMY	0.2353, 0.0941, 0.0000
CMYK	0.24, 0.09, 0.00, 0.00
HSL	204°, 100%, 88%
HSV	204°, 24%, 100%
XYZ	69.1316, 75.9739, 105.6286
YIQ	222.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

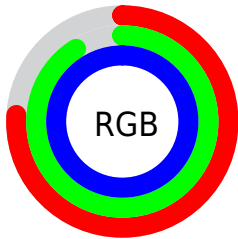
Format	Color
R_{YB}	195, 218, 255
Decimal	12838911
CIE _{Lab}	89.85, -6.58, -15.49
CIE _{LCh}	90, 16.831, 246.989
Yxy	75.9739, 0.2757, 0.3030
Android (android.graphics.Color)	4291028991 (0xFFC3E7FF)
YUV	222.9720, 15.7898, -24.5314
Hunter-Lab	87.1630, -10.9616, -10.8366

Details

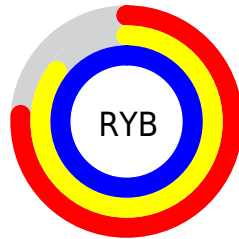
The XYZ color **69.1316, 75.9739, 105.6286** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4218, 75.8625, 62.2466**, and the grayscale version is **70.0274, 73.6742, 80.2312**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **36.3382, 40.3126, 59.2920** is the 20% darker color. If you saturate the color by 10%, you get **60.3256, 67.3212, 104.4225**, and if you desaturate by 10%, it is **79.2332, 85.5452, 106.9436**.

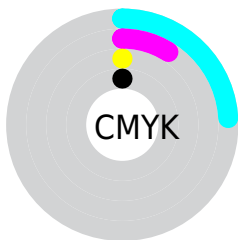
Distribution



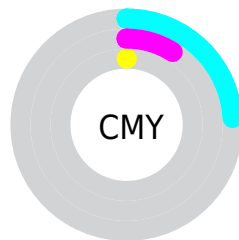
- Red (76%)
- Green (91%)
- Blue (100%)



- Red (76%)
- Yellow (85%)
- Blue (100%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1316, 75.9739, 105.6286 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 69.1316, 75.9739, 105.6286 by changing the saturation by 10% instead.

69.1316, 75.9739,
105.6286

69.1316, 75.9739,
105.6286

446.8091,
481.2583, 599.4918

51.0959, 56.4111,
80.3665

117.0026,
127.6900, 170.9900

36.5063, 40.5326,
59.4920

147.5686,
160.6121, 211.9263

24.9974, 27.9541,
42.5867

183.0420,
198.7561, 258.9245

16.2038, 18.2910,
29.2320

223.7883,
242.5064, 312.4031

9.7603, 11.1591,
19.0093

270.1729,
292.2474, 372.7805

5.3013, 6.1740,
11.5001

322.5609,

2.4617, 2.9512,

348.3634, 440.4755

6.2859

381.3179,
411.2390, 515.9064

■ 0.8760, 1.1063,
2.9481

■ 0.0000, 0.0000,
1.0682

■ 69.1316, 75.9739,
105.6286

■ 69.1316, 75.9739,
105.6286

■ 60.3256, 67.3212,
104.4225

■ 79.2332, 85.5452,
106.9436

■ 52.7490, 59.5432,
103.3206

■ 90.6799, 96.0590,
108.3696

■ 46.3388, 52.6050,
102.3192

95.0500, 100.0000,
108.9000

■ 41.0235, 46.4653,
101.4143

■ 36.7230, 41.0783,
100.6011

■ 33.3447, 36.3917,
99.8746

■ 30.7764, 32.3428,
99.2284

■ 29.4435, 30.0071,
98.8478

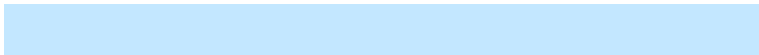
Harmonies

Analogous

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



66.0136, 75.9739, 97.2718



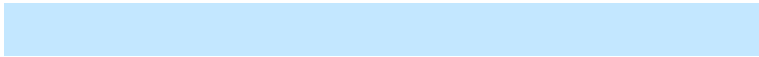
69.1316, 75.9739, 105.6286



73.1877, 75.9739, 107.5840

Triad

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



69.1316, 75.9739, 105.6286



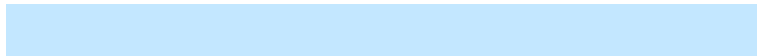
80.4375, 75.9739, 79.9689



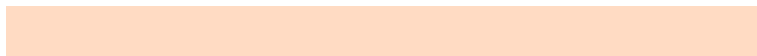
67.5085, 75.9739, 65.7543

Complementary

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



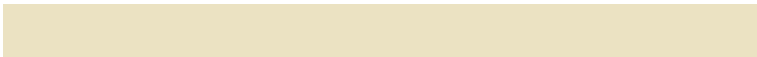
69.1316, 75.9739, 105.6286



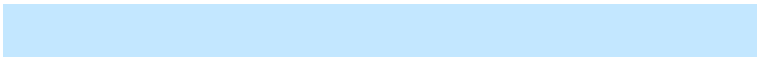
76.4218, 75.8625, 62.2466

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.



71.2429, 75.9739, 62.0207



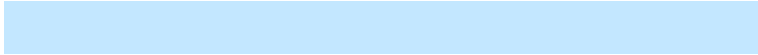
69.1316, 75.9739, 105.6286



78.7844, 75.9739, 69.7018

Square

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



69.1316, 75.9739, 105.6286



79.8195, 75.9739, 91.9965



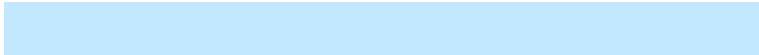
75.3803, 75.9739, 63.3935



65.1019, 75.9739, 74.0940

Rectangle

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



69.1316, 75.9739, 105.6286



75.8988, 75.9739, 104.8404



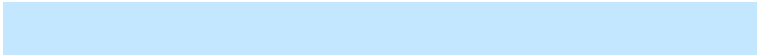
75.3803, 75.9739, 63.3935



68.6445, 75.9739, 63.9573

Sweetspot

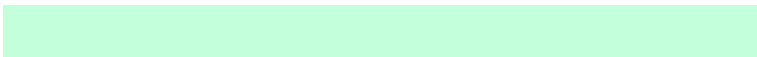
The Sweet Spot groups the original color and five complimentary colors.



69.1337, 75.9769, 105.6290



86.5498, 92.2997, 107.8617



70.9216, 88.1846, 79.6143



18.3752, 19.6186, 23.0682



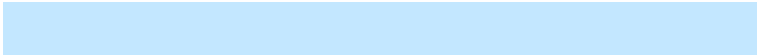
0.0000, 0.0000, 0.0000



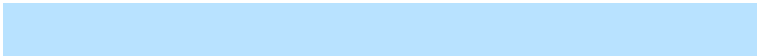
20.3446, 21.4041, 23.3091

Same Dimension

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



69.1337, 75.9769, 105.6290



65.0387, 71.9955, 105.0764



61.6776, 61.0648, 103.1437



17.9097, 19.1910, 23.0102



15.5350, 15.9795, 51.7002



1.6196, 1.7698, 5.0695

Inverse Universe

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



75.1802, 66.0614, 84.3934



72.0860, 60.8904, 80.2250



84.6582, 92.3353, 64.9921



18.4671, 18.1701, 21.0767



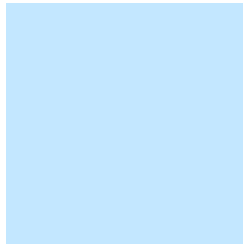
24.6295, 12.3411, 17.2315



2.4521, 1.2232, 1.9621

Previews

White Background



This preview shows how the XYZ color 69.1316, 75.9739, 105.6286 looks on a white background.

Color Contrast Check

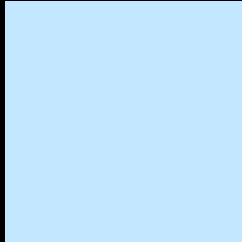
Large Text (above 18pt) WCAG AA × Fail

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 69.1316, 75.9739, 105.6286 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

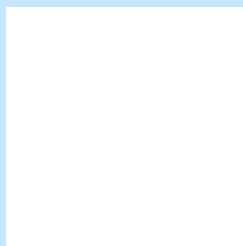
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1316, 75.9739, 105.6286

Background



This preview shows how black text looks on a background with the XYZ color 69.1316, 75.9739, 105.6286.

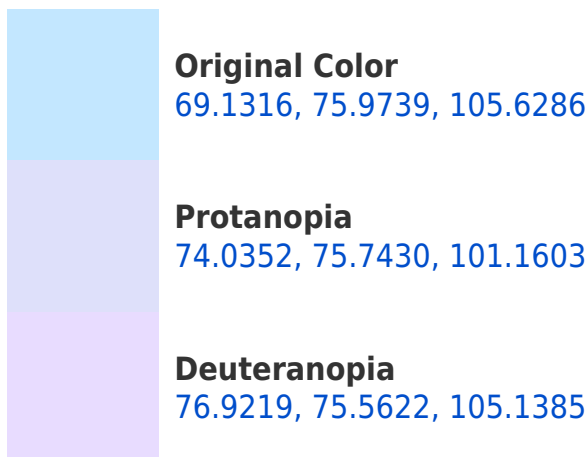


This preview shows how white text looks on a background with the XYZ color 69.1316, 75.9739,

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

68.3601, 76.0847, 101.5253

Trichromacy



Original Color

69.1316, 75.9739, 105.6286

Protanomaly

72.1911, 75.9635, 102.9530

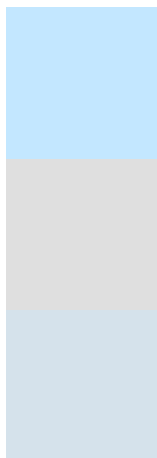
Deuteranomaly

73.9191, 75.5914, 105.3024

Tritanomaly

68.6754, 76.2108, 103.1860

Monochromacy



Original Color

69.1316, 75.9739, 105.6286

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.6323, 74.5370, 89.3143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1316, 75.9739, 105.6286 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(195, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.1316, 75.9739, 105.6286 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(195, 231, 255) }
```


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

```
.border{ border-color:rgb(195, 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(195, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1316, 75.9739, 105.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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