

Converting Colors

XYZ(69.8840, 76.6217,
101.5301)

Have a look what the booklet for
XYZ(69.8840, 76.6217, 101.5301)
contains.

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Color

**XYZ(69.6507, 76.3333,
101.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E7FA
RGB	200, 231, 250
RGB Percent	78%, 91%, 98%
CMY	0.2157, 0.0941, 0.0196
CMYK	0.20, 0.08, 0.00, 0.02
HSL	203°, 83%, 88%
HSV	203°, 20%, 98%
XYZ	69.6507, 76.3333, 101.5053
YIQ	223.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

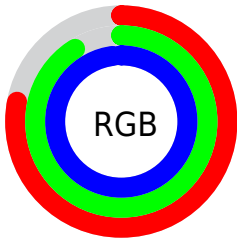
Format	Color
R _Y B	200, 219, 250
Decimal	13166586
CIE Lab	90.01, -6.18, -12.59
CIE LCh	90, 14.027, 243.880
Yxy	76.3333, 0.2814, 0.3084
Android (android.graphics.Color)	4291356666 (0xFFC8E7FA)
YUV	223.8970, 12.8688, -20.9577
Hunter-Lab	87.3689, -10.5950, -7.7249

Details

The XYZ color **69.6507, 76.3333, 101.5053** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1820, 75.1575, 65.1897**, and the grayscale version is **70.7035, 74.3855, 81.0058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7446, 40.5747, 56.9340** is the 20% darker color. If you saturate the color by 10%, you get **60.9256, 67.9970, 100.3573**, and if you desaturate by 10%, it is **79.6164, 85.5273, 102.7559**.

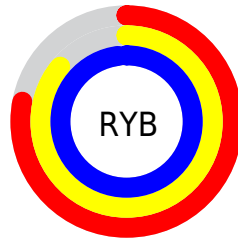
Distribution



Red (78%)

Green (91%)

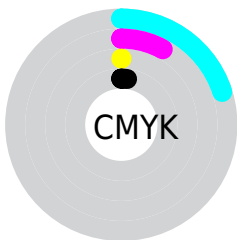
Blue (98%)



Red (78%)

Yellow (86%)

Blue (98%)

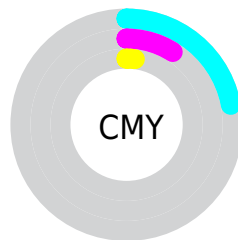


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6507, 76.3333, 101.5053 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 69.6507, 76.3333, 101.5053 by changing the saturation by 10% instead.

■ 69.6507, 76.3333,
101.5053

■ 69.6507, 76.3333,
101.5053

448.6082,
482.4879, 586.2959

■ 51.5204, 56.7059,
76.9344

117.7395,
128.1979, 165.2942

■ 36.8456, 40.7691,
56.6878

148.4287,
161.2039, 205.3492

■ 25.2611, 28.1387,
40.3469

184.0348,
199.4382, 251.4027

■ 16.4015, 18.4303,
27.4933

224.9234,
243.2852, 303.8732

■ 9.9013, 11.2593,
17.7084

271.4596,
293.1292, 363.1792

■ 5.3954, 6.2415,
10.5735

324.0089,

■ 2.5182, 2.9925,

349.3548, 429.7393

5.6703

382.9367,
412.3462, 503.9721

■ 0.9044, 1.1278,
2.5801

■ 0.0000, 0.0015,
0.8822

■ 69.6507, 76.3333,
101.5053

■ 69.6507, 76.3333,
101.5053

■ 60.9256, 67.9970,
100.3573

■ 79.6164, 85.5273,
102.7559

■ 53.3790, 60.4770,
99.3036

■ 90.8674, 95.5994,
104.1070

■ 46.9534, 53.7424,
98.3423

■ 94.2556, 99.6822,
104.7165

■ 41.5834, 47.7558,
97.4698

■ 37.1964, 42.4763,
96.6820

■ 33.7094, 37.8571,
95.9742

■ 31.0240, 33.8439,
95.3411

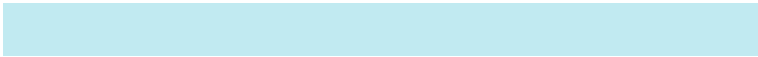
■ 28.9793, 30.3498,
94.7744

■ 28.9792, 30.3495,
94.7744

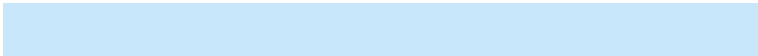
Harmonies

Analogous

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



67.1459, 76.3333, 94.2435



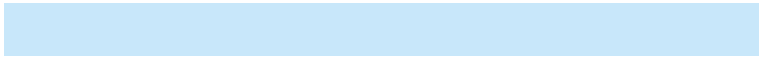
69.6507, 76.3333, 101.5053



73.0056, 76.3333, 103.7035

Triad

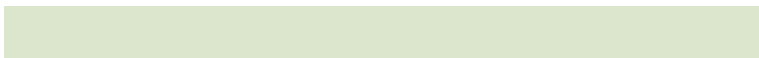
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6507, 76.3333, 101.5053



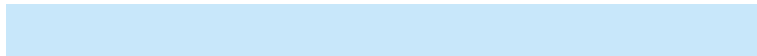
79.4246, 76.3333, 81.8258



68.8914, 76.3333, 68.2191

Complementary

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



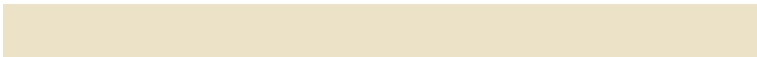
69.6507, 76.3333, 101.5053



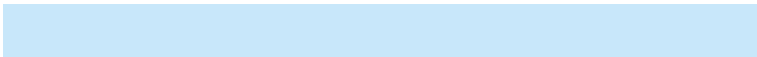
75.1820, 75.1575, 65.1897

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.



72.1013, 76.3333, 65.4478



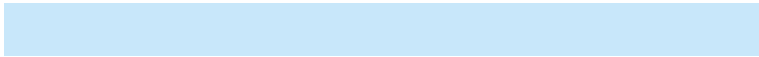
69.6507, 76.3333, 101.5053



78.2418, 76.3333, 72.8971

Square

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



69.6507, 76.3333, 101.5053



78.7182, 76.3333, 91.8257



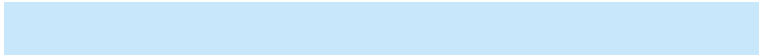
75.5338, 76.3333, 67.0902



66.7174, 76.3333, 74.9715

Rectangle

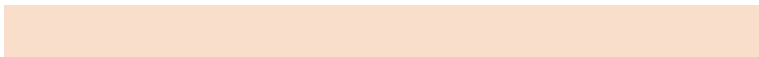
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6507, 76.3333, 101.5053



75.2910, 76.3333, 101.8668



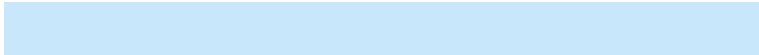
75.5338, 76.3333, 67.0902



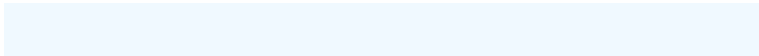
69.8813, 76.3333, 66.8166

Sweetspot

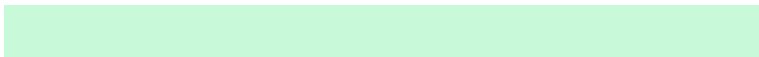
The Sweet Spot groups the original color and five complimentary colors.



69.6530, 76.3364, 101.5070



87.8169, 93.5597, 108.0381



70.7052, 85.7315, 79.3815



18.6343, 19.8799, 23.1050



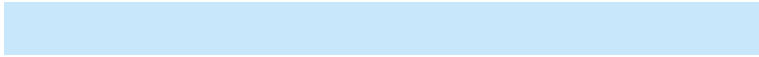
0.0000, 0.0000, 0.0000



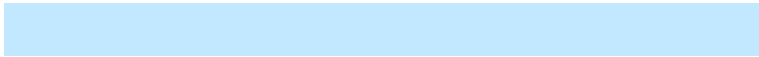
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6530, 76.3364, 101.5070



69.0323, 76.2339, 105.6840



63.3086, 63.6476, 99.3922



17.1795, 18.4358, 22.0383



15.5145, 16.3846, 50.3184



1.5391, 1.7219, 4.6944

Inverse Universe

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



74.5043, 67.4040, 84.6882



75.0169, 65.5664, 84.8575



82.0015, 88.7965, 67.4629



17.6971, 17.4062, 20.2608



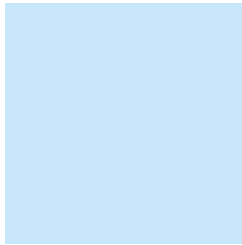
24.1230, 12.0649, 17.8881



2.2858, 1.1381, 1.9284

Previews

White Background



This preview shows how the XYZ color 69.6507, 76.3333, 101.5053 looks on a white background.

Color Contrast Check

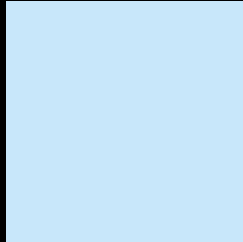
Large Text (above 18pt) WCAG AA × Fail

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 69.6507, 76.3333, 101.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

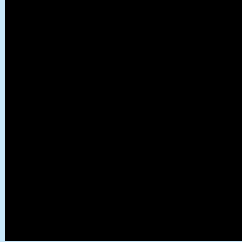
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

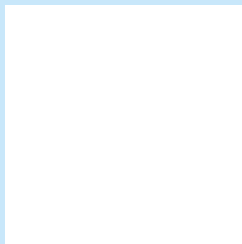
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6507, 76.3333, 101.5053

Background



This preview shows how black text looks on a background with the XYZ color 69.6507, 76.3333, 101.5053.



This preview shows how white text looks on a background with the XYZ color 69.6507, 76.3333,

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

69.6507, 76.3333, 101.5053

Protanopia

74.0307, 75.8124, 97.9202

Deuteranopia

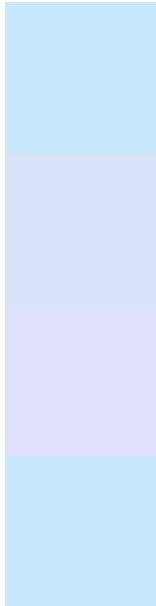
77.7560, 76.0475, 102.6759



Tritanopia

69.6507, 76.3333, 101.5053

Trichromacy



Original Color

69.6507, 76.3333, 101.5053

Protanomaly

72.2819, 76.1006, 98.8749

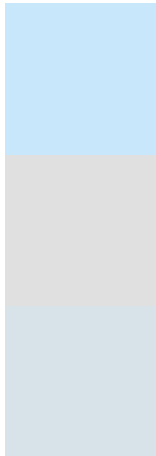
Deuteranomaly

74.4997, 75.9643, 102.0028

Tritanomaly

69.6507, 76.3333, 101.5053

Monochromacy



Original Color

69.6507, 76.3333, 101.5053

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2014, 75.2684, 87.9190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6507, 76.3333, 101.5053 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(200, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(200, 231, 250)  
}
```

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(200, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 231, 250) }
```

Border

The CSS property to change the border of an element to XYZ 69.6507, 76.3333, 101.5053 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(200, 231, 250) }
```


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

```
.border{ border-color:rgb(200, 231, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 231, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(200, 231,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6507, 76.3333, 101.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 231, 250) }
```

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

```
.background{ background-color: rgb(200,  
231, 250) }
```

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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