

Converting Colors

XYZ(73.7053, 80.0949,
125.5199)

Have a look what the booklet for
XYZ(73.7053, 80.0949, 125.5199)
contains.

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Color

**XYZ(70.0378, 78.5484,
106.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ECFF
RGB	193, 236, 255
RGB Percent	76%, 93%, 100%
CMY	0.2431, 0.0745, 0.0000
CMYK	0.24, 0.07, 0.00, 0.00
HSL	198°, 100%, 88%
HSV	198°, 24%, 100%
XYZ	70.0378, 78.5484, 106.0777
YIQ	225.3090, -31.7270, -3.2070

Conversions

Conversions Part 2

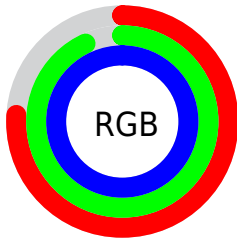
Format	Color
R_{YB}	193, 218, 255
Decimal	12709119
CIE _{Lab}	91.03, -9.72, -13.73
CIE _{LCh}	91, 16.825, 234.712
Yxy	78.5484, 0.2750, 0.3084
Android (android.graphics.Color)	4290899199 (0xFFC1ECFF)
YUV	225.3090, 14.6377, -28.3350
Hunter-Lab	88.6275, -14.0388, -8.9245

Details

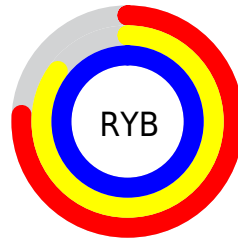
The XYZ color **70.0378, 78.5484, 106.0777** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4091, 72.1966, 60.4674**, and the grayscale version is **71.7064, 75.4407, 82.1550**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **36.9955, 42.1230, 59.6068** is the 20% darker color. If you saturate the color by 10%, you get **61.8890, 71.0828, 105.0662**, and if you desaturate by 10%, it is **79.4100, 86.7948, 107.1755**.

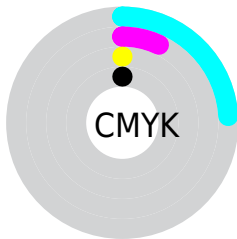
Distribution



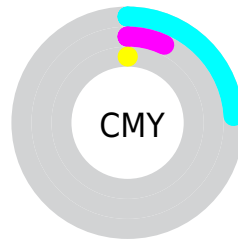
- Red (76%)
- Green (93%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0378, 78.5484, 106.0777 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 70.0378, 78.5484, 106.0777 by changing the saturation by 10% instead.

70.0378, 78.5484,
106.0777

70.0378, 78.5484,
106.0777

449.9471,
490.0273, 600.9198

51.8371, 58.5246,
80.7408

118.2886,
131.3229, 171.6090

37.0990, 42.2305,
59.7984

149.0694,
164.8424, 212.6405

25.4581, 29.2818,
42.8319

184.7743,
203.6292, 259.7407

16.5493, 19.2941,
29.4229

225.7686,
248.0678, 313.3280

10.0070, 11.8830,
19.1526

272.4177,
298.5425, 373.8211

5.4659, 6.6641,
11.6027

325.0869,

2.5607, 3.2529,

355.4377, 441.6383

6.3545

384.1415,
419.1378, 517.1984

■ 0.9259, 1.2652,
2.9896

■ 0.0000, 0.1140,
1.0893

■ 70.0378, 78.5484,
106.0777

■ 70.0378, 78.5484,
106.0777

■ 61.8890, 71.0828,
105.0662

■ 79.4100, 86.7948,
107.1755

■ 54.8986, 64.3565,
104.1363

■ 90.0538, 95.8427,
108.3609

■ 49.0047, 58.3379,
103.2853

95.0500, 100.0000,
108.9000

■ 44.1369, 52.9888,
102.5093

■ 40.2160, 48.2663,
101.8045

■ 37.1501, 44.1210,
101.1659

■ 34.8268, 40.4930,
100.5881

■ 33.7465, 38.6131,
100.2822

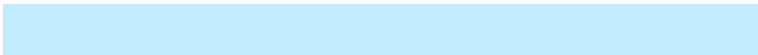
Harmonies

Analogous

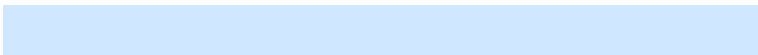
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.4806, 78.5484, 95.6833



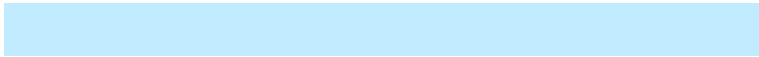
70.0378, 78.5484, 106.0777



73.9076, 78.5484, 110.9990

Triad

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



70.0378, 78.5484, 106.0777



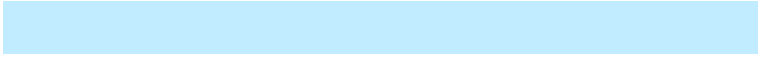
83.0906, 78.5484, 87.7001



71.2948, 78.5484, 65.9860

Complementary

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



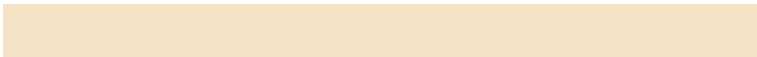
70.0378, 78.5484, 106.0777



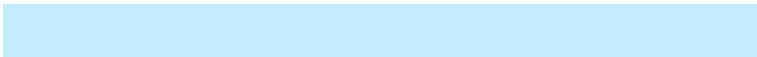
74.4091, 72.1966, 60.4674

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.



75.4133, 78.5484, 64.2824



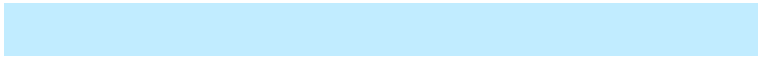
70.0378, 78.5484, 106.0777



82.3269, 78.5484, 76.1139

Square

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



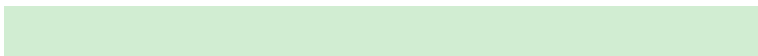
70.0378, 78.5484, 106.0777



81.5259, 78.5484, 99.7645



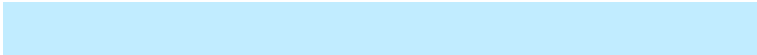
79.4768, 78.5484, 67.8163



68.1868, 78.5484, 72.7108

Rectangle

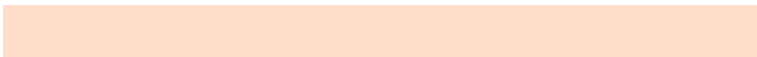
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0378, 78.5484, 106.0777



76.7516, 78.5484, 110.2068



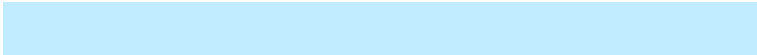
79.4768, 78.5484, 67.8163



72.6026, 78.5484, 64.8357

Sweetspot

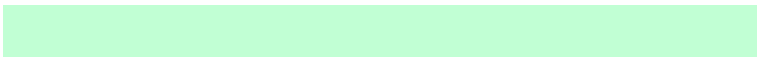
The Sweet Spot groups the original color and five complimentary colors.



70.0399, 78.5515, 106.0782



87.0652, 93.3304, 108.0335



69.5866, 87.5913, 75.2638



18.4947, 19.8575, 23.1081



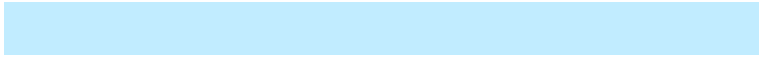
0.0000, 0.0000, 0.0000



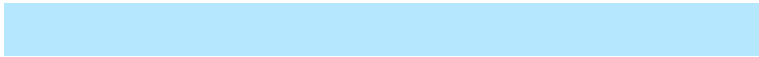
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0399, 78.5515, 106.0782



66.0709, 74.9560, 105.5934



61.9708, 62.4133, 103.3885



18.0577, 19.4869, 23.0596



17.7716, 20.4527, 52.4457



1.8271, 2.1849, 5.1387

Inverse Universe

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



75.4517, 65.4577, 88.0183



72.3882, 60.1738, 84.3986



82.7972, 88.9728, 63.2635



18.5417, 18.2000, 21.4700



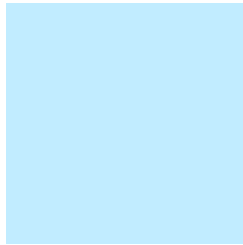
25.7585, 12.7927, 23.1763



2.5569, 1.2651, 2.5138

Previews

White Background



This preview shows how the XYZ color 70.0378, 78.5484, 106.0777 looks on a white background.

Color Contrast Check

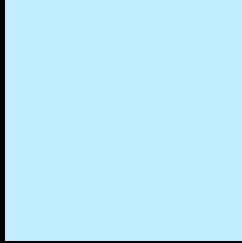
Large Text (above 18pt) WCAG AA × Fail

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 70.0378, 78.5484, 106.0777 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

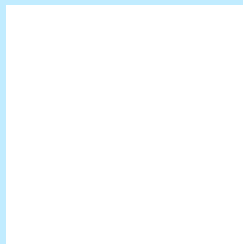
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0378, 78.5484, 106.0777

Background



This preview shows how black text looks on a background with the XYZ color 70.0378, 78.5484, 106.0777.

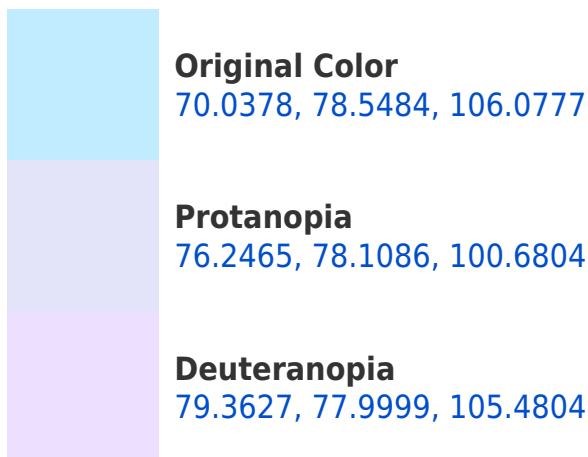


This preview shows how white text looks on a background with the XYZ color 70.0378, 78.5484,

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

70.0378, 78.5484, 106.0777

Trichromacy



Original Color

70.0378, 78.5484, 106.0777

Protanomaly

73.7337, 78.0057, 102.4372

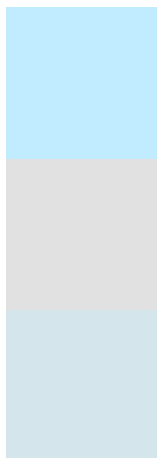
Deuteranomaly

75.6122, 78.0790, 105.6933

Tritanomaly

70.0378, 78.5484, 106.0777

Monochromacy



Original Color

70.0378, 78.5484, 106.0777

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.6002, 76.2409, 90.3518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0378, 78.5484, 106.0777 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(193, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 236, 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(193, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.0378, 78.5484, 106.0777 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(193, 236, 255) }
```


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

```
.border{ border-color:rgb(193, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 236, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 236, 255); box-shadow:4px 4px 4px 4px rgb(193, 236, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0378, 78.5484, 106.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 236, 255) }
```

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

```
.background{ background-color: rgb(193,  
236, 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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