

Converting Colors

XYZ(70.4979, 76.3034,
103.0416)

Have a look what the booklet for
XYZ(70.4979, 76.3034, 103.0416)
contains.

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Color

**XYZ(70.4961, 76.3184,
103.1108)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE6FC
RGB	203, 230, 252
RGB Percent	80%, 90%, 99%
CMY	0.2039, 0.0980, 0.0118
CMYK	0.19, 0.09, 0.00, 0.01
HSL	207°, 89%, 89%
HSV	207°, 19%, 99%
XYZ	70.4961, 76.3184, 103.1108
YIQ	224.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

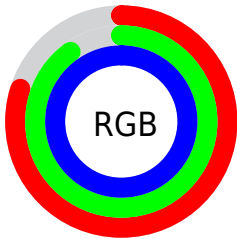
Format	Color
R _Y B	203, 220, 252
Decimal	13362940
CIE Lab	90.01, -4.33, -13.63
CIE LCh	90, 14.302, 252.381
Yxy	76.3184, 0.2821, 0.3054
Android (android.graphics.Color)	4291553020 (0xFFCBE6FC)
YUV	224.4350, 13.5895, -18.7985
Hunter-Lab	87.3604, -8.8389, -8.8272

Details

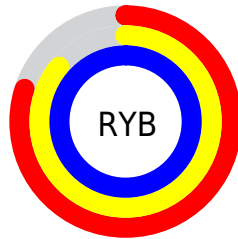
The XYZ color **70.4961, 76.3184, 103.1108** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8503, 78.8578, 67.6195**, and the grayscale version is **71.0822, 74.7840, 81.4398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3930, 40.8960, 57.5526** is the 20% darker color. If you saturate the color by 10%, you get **61.1369, 66.9724, 101.8014**, and if you desaturate by 10%, it is **81.1796, 86.6544, 104.5440**.

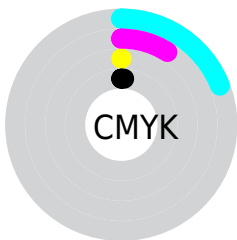
Distribution



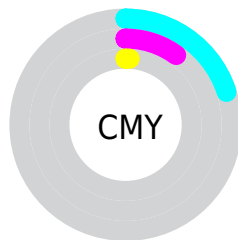
- Red (80%)
- Green (90%)
- Blue (99%)



- Red (80%)
- Yellow (86%)
- Blue (99%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4961, 76.3184, 103.1108 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 70.4961, 76.3184, 103.1108 by changing the saturation by 10% instead.

■ 70.4961, 76.3184,
103.1108

■ 70.4961, 76.3184,
103.1108

451.5293,
482.4369, 591.4524

■ 52.2121, 56.6936,
78.2697

118.9384,
128.1769, 167.5146

■ 37.3991, 40.7593,
57.7778

149.8274,
161.1794, 207.9145

■ 25.6918, 28.1311,
41.2165

185.6488,
199.4099, 254.3377

■ 16.7247, 18.4245,
28.1673

226.7680,
243.2529, 307.2027

■ 10.1325, 11.2552,
18.2117

273.5503,
293.0927, 366.9282

■ 5.5498, 6.2387,
10.9311

326.3610,

■ 2.6114, 2.9908,

349.3137, 433.9326

5.9069

385.5655,
412.3003, 508.6345

■ 0.9517, 1.1269,
2.7207

■ 0.0000, 0.0008,
0.9538

■ 70.4961, 76.3184,
103.1108

■ 70.4961, 76.3184,
103.1108

■ 61.1369, 66.9724,
101.8014

■ 81.1796, 86.6544,
104.5440

■ 53.0376, 58.5715,
100.6067

■ 93.2346, 98.0043,
106.0994

■ 46.1381, 51.0809,
99.5245

■ 94.5709, 99.8084,
106.3772

■ 40.3707, 44.4596,
98.5505

■ 35.6597, 38.6624,
97.6798

■ 31.9196, 33.6386,
96.9072

■ 29.0492, 29.3294,
96.2267

■ 26.8938, 25.6481,
95.6298

■ 26.7850, 25.4565,
95.5985

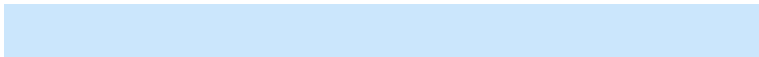
Harmonies

Analogous

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



67.6224, 76.3184, 96.9523



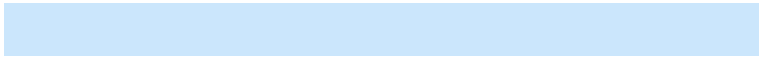
70.4961, 76.3184, 103.1108



74.0086, 76.3184, 103.6446

Triad

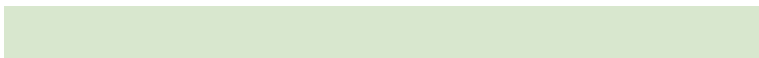
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4961, 76.3184, 103.1108



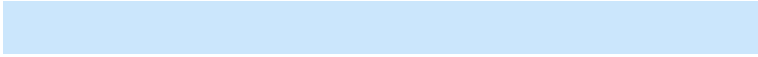
79.3967, 76.3184, 78.9851



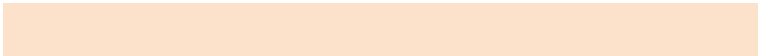
68.0433, 76.3184, 69.5051

Complementary

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



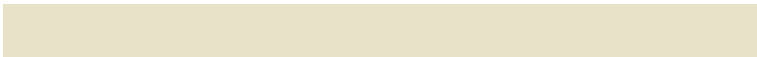
70.4961, 76.3184, 103.1108



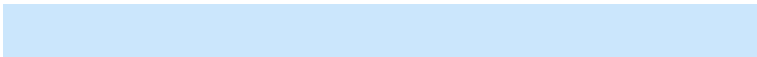
77.8503, 78.8578, 67.6195

Split Complementary

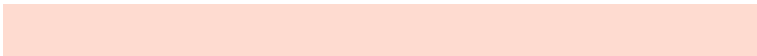
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0877, 76.3184, 65.4635



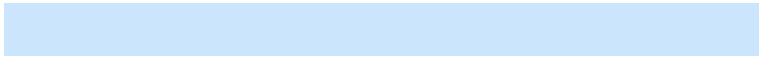
70.4961, 76.3184, 103.1108



77.6870, 76.3184, 70.6303

Square

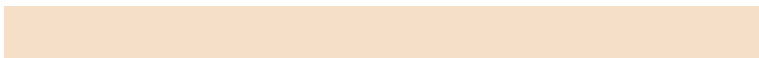
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4961, 76.3184, 103.1108



79.2257, 76.3184, 89.1433



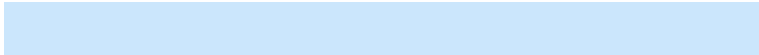
74.6197, 76.3184, 65.8579



66.2383, 76.3184, 77.3319

Rectangle

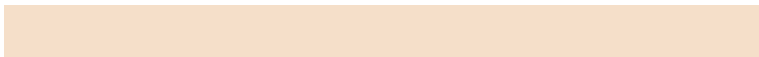
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4961, 76.3184, 103.1108



76.2476, 76.3184, 100.6843



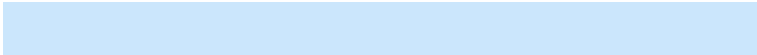
74.6197, 76.3184, 65.8579



68.9514, 76.3184, 67.6885

Sweetspot

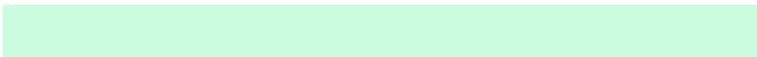
The Sweet Spot groups the original color and five complimentary colors.



70.4984, 76.3215, 103.1125



87.4912, 92.9085, 107.9296



72.9267, 87.7132, 83.7753



18.5573, 19.7259, 23.0794



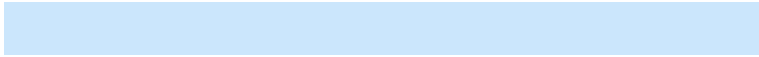
0.0000, 0.0000, 0.0000



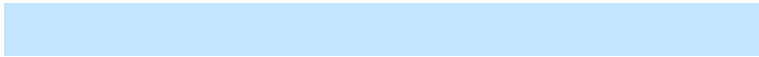
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4984, 76.3215, 103.1125



68.8344, 74.8593, 105.4291



64.3365, 63.9976, 101.0585



17.0761, 18.2290, 22.0038



14.1019, 13.5593, 49.8475



1.4119, 1.4675, 4.6520

Inverse Universe

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



75.7856, 69.1223, 84.2140



75.1559, 66.5367, 82.7696



84.7190, 92.5952, 69.9091



17.6449, 17.3853, 19.9859



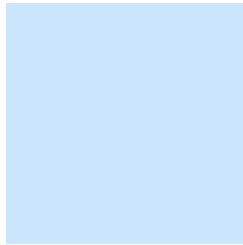
23.4100, 11.7797, 14.1334



2.2216, 1.1124, 1.5903

Previews

White Background



This preview shows how the XYZ color 70.4961, 76.3184, 103.1108 looks on a white background.

Color Contrast Check

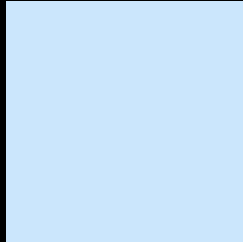
Large Text (above 18pt) WCAG AA × Fail

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 70.4961, 76.3184, 103.1108 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

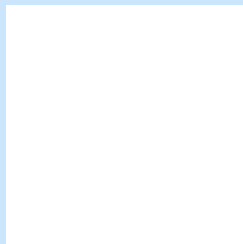
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4961, 76.3184, 103.1108

Background



This preview shows how black text looks on a background with the XYZ color 70.4961, 76.3184, 103.1108.



This preview shows how white text looks on a background with the XYZ color 70.4961, 76.3184,

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

70.0319, 76.5479, 100.7067

Trichromacy



Original Color

70.4961, 76.3184, 103.1108

Protanomaly

72.7706, 75.8938, 101.2560

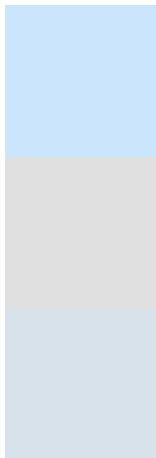
Deuteranomaly

74.8167, 76.0911, 103.6723

Tritanomaly

70.1884, 76.6105, 101.5305

Monochromacy



Original Color

70.4961, 76.3184, 103.1108

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3665, 74.9322, 88.5965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4961, 76.3184, 103.1108 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(203, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(203, 230, 252)  
}
```

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(203, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 230, 252) }
```

Border

The CSS property to change the border of an element to XYZ 70.4961, 76.3184, 103.1108 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(203, 230, 252) }
```


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

```
.border{ border-color:rgb(203, 230, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 230, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(203, 230,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4961, 76.3184, 103.1108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 230, 252) }
```

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

```
.background{ background-color: rgb(203,  
230, 252) }
```

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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