

Converting Colors

XYZ(71.5981, 76.9110,
103.3057)

Have a look what the booklet for
XYZ(71.5981, 76.9110, 103.3057)
contains.

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Color

**XYZ(71.5996, 76.8873,
103.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE6FC
RGB	207, 230, 252
RGB Percent	81%, 90%, 99%
CMY	0.1882, 0.0980, 0.0118
CMYK	0.18, 0.09, 0.00, 0.01
HSL	209°, 88%, 90%
HSV	209°, 18%, 99%
XYZ	71.5996, 76.8873, 103.1625
YIQ	225.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

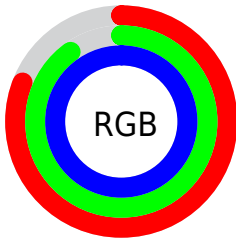
Format	Color
R_{YB}	207, 222, 252
Decimal	13625084
CIE _{Lab}	90.27, -3.11, -13.21
CIE _{LCh}	90, 13.572, 256.744
Yxy	76.8873, 0.2845, 0.3055
Android (android.graphics.Color)	4291815164 (0xFFCFE6FC)
YUV	225.6310, 12.9999, -16.3394
Hunter-Lab	87.6854, -7.6951, -8.3753

Details

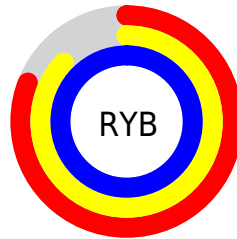
The XYZ color **71.5996, 76.8873, 103.1625** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4273, 81.2389, 70.5275**, and the grayscale version is **71.9441, 75.6908, 82.4273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1292, 41.2755, 57.5871** is the 20% darker color. If you saturate the color by 10%, you get **61.8058, 66.9297, 101.7579**, and if you desaturate by 10%, it is **82.7639, 87.9150, 104.7039**.

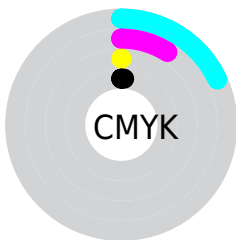
Distribution



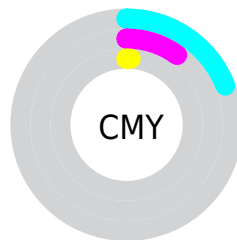
- Red (81%)
- Green (90%)
- Blue (99%)



- Red (81%)
- Yellow (87%)
- Blue (99%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5996, 76.8873, 103.1625 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 71.5996, 76.8873, 103.1625 by changing the saturation by 10% instead.

■ 71.5996, 76.8873,
103.1625

■ 71.5996, 76.8873,
103.1625

455.3260,
484.3797, 591.6181

■ 53.1160, 57.1604,
78.3127

120.5010,
128.9804, 167.5861

■ 38.1232, 41.1340,
57.8129

151.6494,
162.1153, 207.9970

■ 26.2560, 28.4238,
41.2446

187.7502,
200.4884, 254.4320

■ 17.1489, 18.6454,
28.1891

229.1686,
244.4840, 307.3097

■ 10.4367, 11.4143,
18.2280

276.2700,
294.4866, 367.0487

■ 5.7539, 6.3462,
10.9427

329.4199,

■ 2.7353, 3.0567,

350.8804, 434.0673

5.9146

388.9834,
414.0500, 508.7843

■ 1.0154, 1.1614,
2.7253

■ 0.0000, 0.0299,
0.9561

■ 71.5996, 76.8873,
103.1625

■ 71.5996, 76.8873,
103.1625

■ 61.8058, 66.9297,
101.7579

■ 82.7639, 87.9150,
104.7039

■ 53.3175, 57.9954,
100.4808

94.4567, 99.5800,
106.3392

■ 46.0743, 50.0477,
99.3285

94.5709, 99.8084,
106.3772

■ 40.0081, 43.0434,
98.2963

■ 35.0434, 36.9357,
97.3790

■ 31.0950, 31.6720,
96.5711

■ 28.0634, 27.1922,
95.8662

■ 25.8164, 23.4190,
95.2564

■ 25.3971, 22.6807,
95.1360

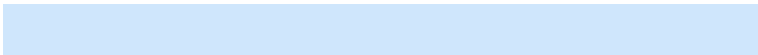
Harmonies

Analogous

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



68.7174, 76.8873, 98.0105



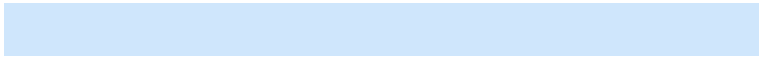
71.5996, 76.8873, 103.1625



74.9665, 76.8873, 102.8260

Triad

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



71.5996, 76.8873, 103.1625



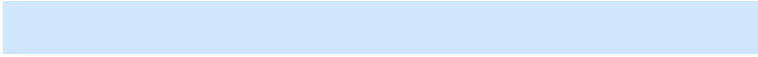
79.4778, 76.8873, 78.4711



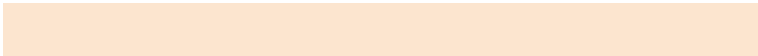
68.4494, 76.8873, 71.6048

Complementary

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



71.5996, 76.8873, 103.1625



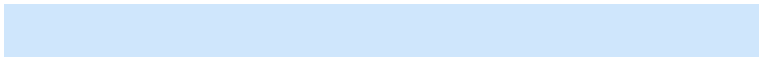
79.4273, 81.2389, 70.5275

Split Complementary

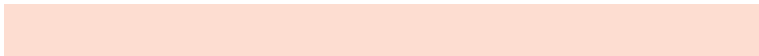
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2236, 76.8873, 67.1358



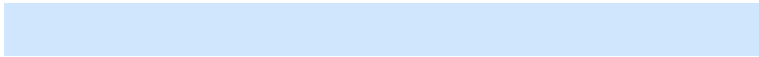
71.5996, 76.8873, 103.1625



77.6215, 76.8873, 70.8858

Square

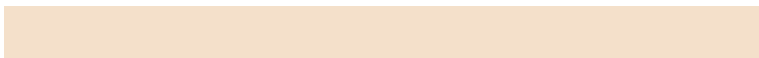
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5996, 76.8873, 103.1625



79.5861, 76.8873, 88.0561



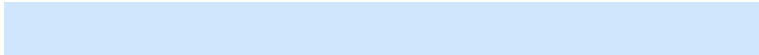
74.5788, 76.8873, 66.8832



66.9368, 76.8873, 79.5232

Rectangle

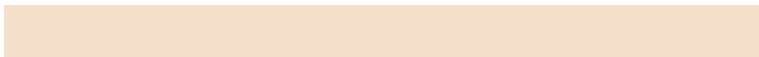
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



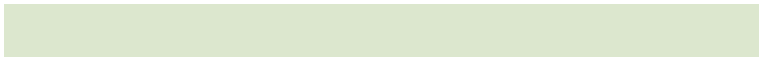
71.5996, 76.8873, 103.1625



77.0345, 76.8873, 99.5273



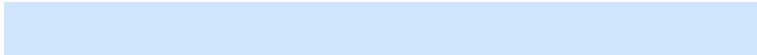
74.5788, 76.8873, 66.8832



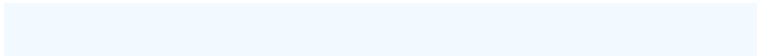
69.2614, 76.8873, 69.6768

Sweetspot

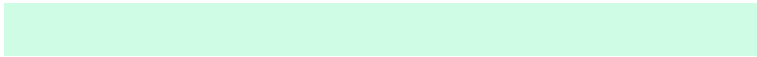
The Sweet Spot groups the original color and five complimentary colors.



71.6019, 76.8905, 103.1642



88.5577, 93.7492, 108.0357



74.6519, 88.5308, 87.1009



18.7661, 19.8831, 23.0987



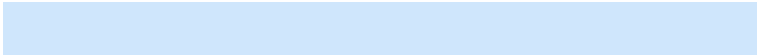
0.0000, 0.0000, 0.0000



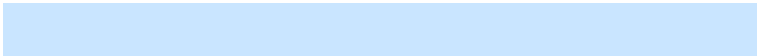
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6019, 76.8905, 103.1642



70.2290, 75.6409, 105.5064



65.7993, 65.2852, 101.2300



17.0167, 18.1102, 21.9840



13.3776, 12.1108, 49.6061



1.3451, 1.3340, 4.6298

Inverse Universe

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



76.7425, 71.0360, 84.5331



76.3499, 68.8907, 83.2727



85.9840, 94.3525, 72.7130



17.6150, 17.3733, 19.8281



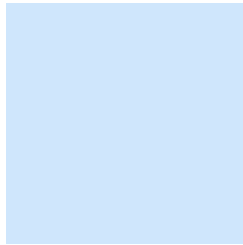
23.0444, 11.6335, 12.2083



2.1879, 1.0989, 1.4128

Previews

White Background



This preview shows how the XYZ color 71.5996, 76.8873, 103.1625 looks on a white background.

Color Contrast Check

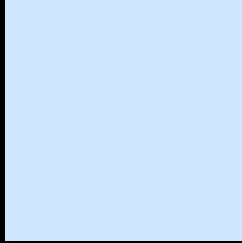
Large Text (above 18pt) WCAG AA × Fail

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 71.5996, 76.8873, 103.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

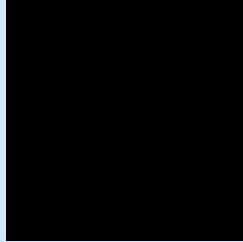
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

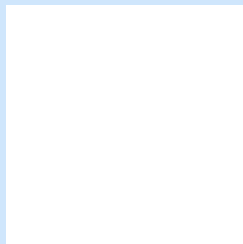
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5996, 76.8873, 103.1625

Background



This preview shows how black text looks on a background with the XYZ color 71.5996, 76.8873, 103.1625.

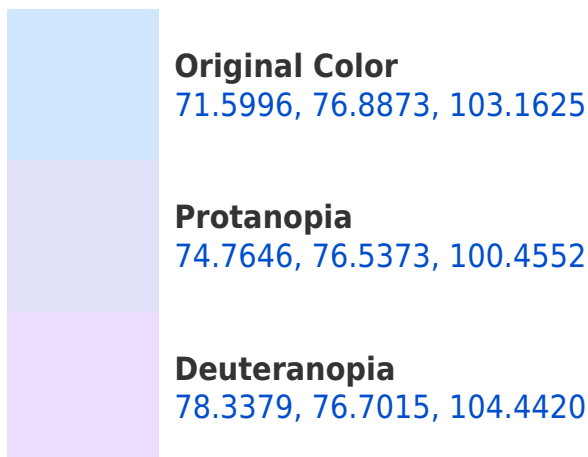


This preview shows how white text looks on a background with the XYZ color 71.5996, 76.8873,

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

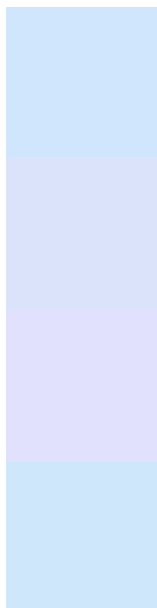




Tritanopia

71.1284, 77.1132, 100.7580

Trichromacy



Original Color

71.5996, 76.8873, 103.1625

Protanomaly

73.6378, 76.7457, 101.3748

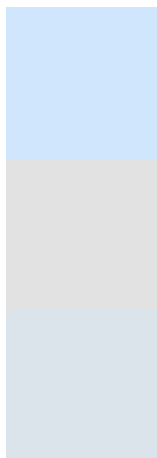
Deuteranomaly

75.4366, 76.4107, 103.7013

Tritanomaly

71.2848, 77.1758, 101.5818

Monochromacy



Original Color

71.5996, 76.8873, 103.1625

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.6779, 75.9964, 89.4882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5996, 76.8873, 103.1625 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(207, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 230, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.5996, 76.8873, 103.1625 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(207, 230, 252) }
```


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

```
.border{ border-color:rgb(207, 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(207, 230, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 230,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5996, 76.8873, 103.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 230, 252) }
```

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

```
.background{ background-color: rgb(207,  
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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