

Converting Colors

XYZ(71.5858, 81.8095,
106.6256)

Have a look what the booklet for
XYZ(71.5858, 81.8095, 106.6256)
contains.

XYZ(71.7944, 82.0617, 106.6633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7944, 82.0617,
106.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F2FF
RGB	193, 242, 255
RGB Percent	76%, 95%, 100%
CMY	0.2431, 0.0510, 0.0000
CMYK	0.24, 0.05, 0.00, 0.00
HSL	193°, 100%, 88%
HSV	193°, 24%, 100%
XYZ	71.7944, 82.0617, 106.6633
YIQ	228.8310, -33.3770, -6.3450

Conversions

Conversions Part 2

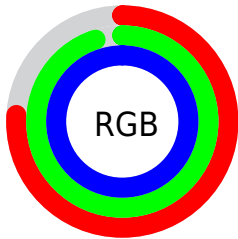
Format	Color
R_{YB}	193, 220, 255
Decimal	12710655
CIE _{Lab}	92.60, -12.75, -11.39
CIE _{LCh}	93, 17.097, 221.760
Yxy	82.0617, 0.2756, 0.3150
Android (android.graphics.Color)	4290900735 (0xFFC1F2FF)
YUV	228.8310, 12.9013, -31.4238
Hunter-Lab	90.5879, -17.0607, -6.3998

Details

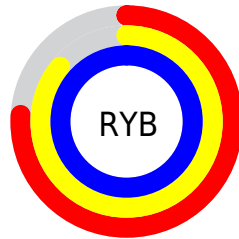
The XYZ color **71.7944, 82.0617, 106.6633** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9368, 69.2520, 59.9765**, and the grayscale version is **74.2795, 78.1478, 85.1030**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **38.2332, 44.5983, 60.0193** is the 20% darker color. If you saturate the color by 10%, you get **64.2785, 75.8619, 105.8627**, and if you desaturate by 10%, it is **80.4819, 88.9388, 107.5328**.

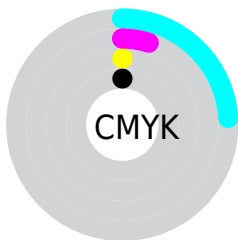
Distribution



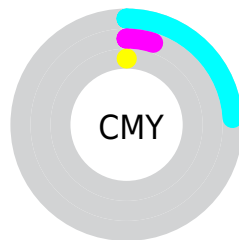
- Red (76%)
- Green (95%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7944, 82.0617, 106.6633 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 71.7944, 82.0617, 106.6633 by changing the saturation by 10% instead.

71.7944, 82.0617,
106.6633

71.7944, 82.0617,
106.6633

455.9944,
501.8541, 602.7793

53.2756, 61.4164,
81.2291

120.7766,
136.2605, 172.4158

38.2512, 44.5613,
60.1982

151.9706,
170.5828, 213.5712

26.3558, 31.1120,
43.1521

188.1205,
210.2329, 260.8040

17.2241, 20.6842,
29.6722

229.5916,
255.5952, 314.5329

10.4907, 12.8933,
19.3399

276.7491,
307.0541, 375.1763

5.7902, 7.3551,
11.7369

329.9585,

2.7574, 3.6852,

364.9939, 443.1528

6.4444

389.5852,
429.7991, 518.8810

■ 1.0268, 1.4991,
3.0440

■ 0.0000, 0.2881,
1.1172

■ 71.7944, 82.0617,
106.6633

■ 71.7944, 82.0617,
106.6633

■ 64.2785, 75.8619,
105.8627

■ 80.4819, 88.9388,
107.5328

■ 57.8699, 70.2991,
105.1268

■ 90.3882, 96.5117,
108.4724

■ 52.5076, 65.3437,
104.4529

95.0500, 100.0000,
108.9000

■ 48.1221, 60.9591,
103.8377

■ 44.6351, 57.1044,
103.2775

■ 41.9556, 53.7320,
102.7678

■ 39.9722, 50.7839,
102.3032

■ 39.0650, 49.2499,
102.0550

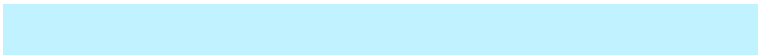
Harmonies

Analogous

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



69.9261, 82.0617, 94.4329



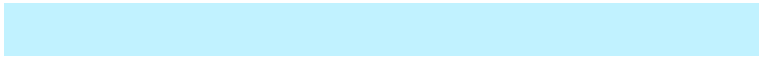
71.7944, 82.0617, 106.6633



75.3527, 82.0617, 114.6708

Triad

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



71.7944, 82.0617, 106.6633



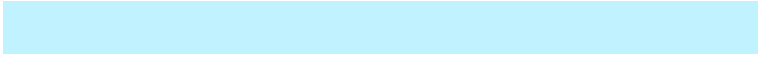
86.3986, 82.0617, 97.2331



76.2684, 82.0617, 67.4678

Complementary

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



71.7944, 82.0617, 106.6633



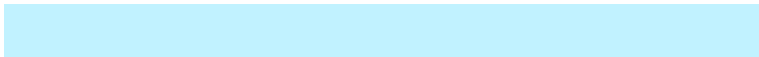
72.9368, 69.2520, 59.9765

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.



80.7028, 82.0617, 68.0634



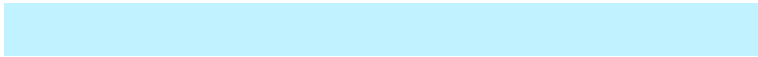
71.7944, 82.0617, 106.6633



86.6666, 82.0617, 84.4553

Square

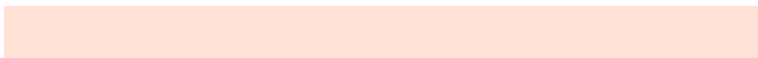
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7944, 82.0617, 106.6633



83.8285, 82.0617, 108.8802



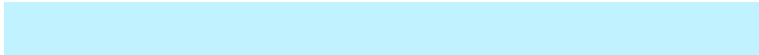
84.5473, 82.0617, 74.0217



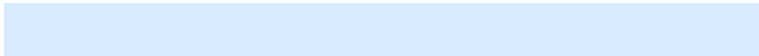
72.4428, 82.0617, 72.3093

Rectangle

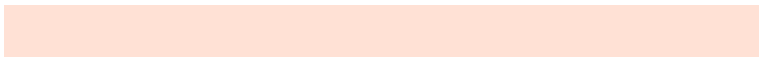
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



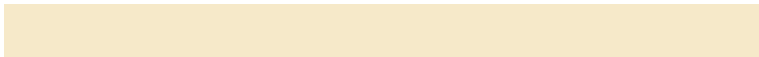
71.7944, 82.0617, 106.6633



78.2599, 82.0617, 116.1155



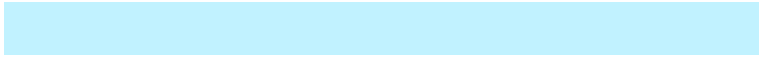
84.5473, 82.0617, 74.0217



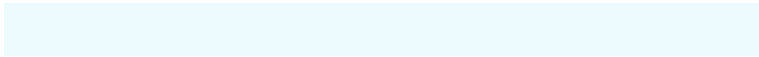
77.7351, 82.0617, 67.0523

Sweetspot

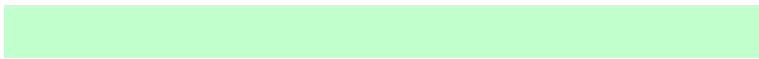
The Sweet Spot groups the original color and five complimentary colors.



71.7966, 82.0649, 106.6638



87.6031, 94.4063, 108.2128



68.8211, 87.2851, 71.2329



18.6195, 20.1072, 23.1497



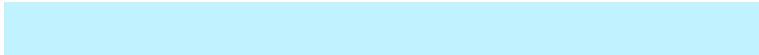
0.0000, 0.0000, 0.0000



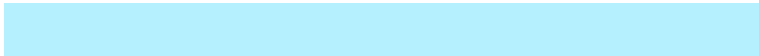
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7966, 82.0649, 106.6638



68.1307, 79.0756, 106.2800



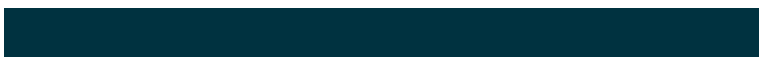
63.4871, 65.4460, 103.8940



18.2126, 19.7969, 23.1112



20.5242, 25.9580, 53.3632



2.0755, 2.6818, 5.2215

Inverse Universe

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



76.3383, 65.8123, 92.6877



73.4279, 60.5896, 89.8736



80.9769, 85.3324, 62.6566



18.6200, 18.2313, 21.8819



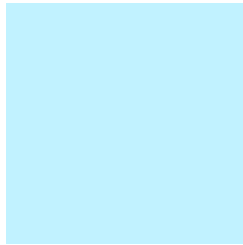
27.1479, 13.3484, 30.4929



2.6822, 1.3153, 3.1741

Previews

White Background



This preview shows how the XYZ color 71.7944, 82.0617, 106.6633 looks on a white background.

Color Contrast Check

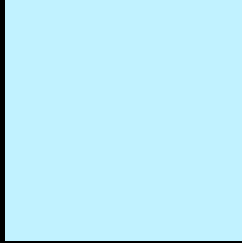
Large Text (above 18pt) WCAG AA × Fail

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 71.7944, 82.0617, 106.6633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

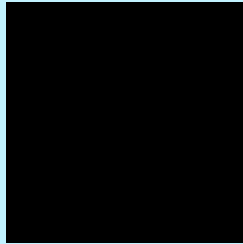
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7944, 82.0617, 106.6633

Background



This preview shows how black text looks on a background with the XYZ color 71.7944, 82.0617, 106.6633.

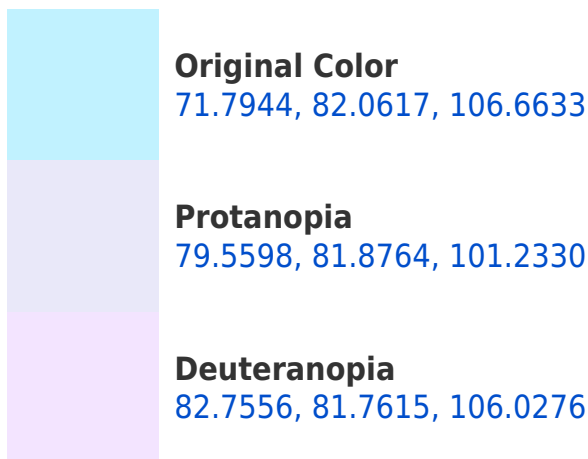


This preview shows how white text looks on a background with the XYZ color 71.7944, 82.0617,

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

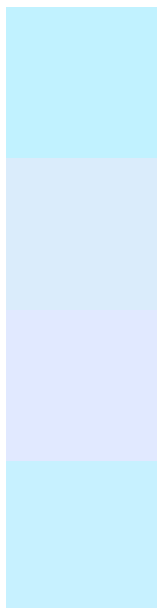




Tritanopia

73.8387, 82.2367, 106.5893

Trichromacy



Original Color

71.7944, 82.0617, 106.6633

Protanomaly

76.3215, 81.8614, 103.0450

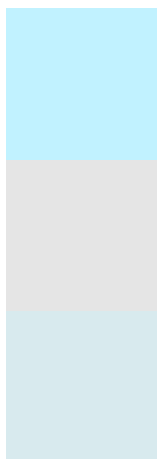
Deuteranomaly

78.2403, 81.5054, 106.2161

Tritanomaly

73.0585, 82.2727, 106.6374

Monochromacy



Original Color

71.7944, 82.0617, 106.6633

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.1743, 79.6176, 92.4000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7944, 82.0617, 106.6633 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, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 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, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.7944, 82.0617, 106.6633 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, 242, 255) }
```


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

```
.border{ border-color:rgb(193, 242, 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, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7944, 82.0617, 106.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 255) }
```

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

```
.background{ background-color: rgb(193,  
242, 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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