

Converting Colors

XYZ(76.5278, 88.2385,
107.6060)

Have a look what the booklet for
XYZ(76.5278, 88.2385, 107.6060)
contains.

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Color

**XYZ(76.3230, 88.0087,
107.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FAFF
RGB	201, 250, 255
RGB Percent	79%, 98%, 100%
CMY	0.2118, 0.0196, 0.0000
CMYK	0.21, 0.02, 0.00, 0.00
HSL	186°, 100%, 89%
HSV	186°, 21%, 100%
XYZ	76.3230, 88.0087, 107.5725
YIQ	235.9190, -30.8090, -8.8330

Conversions

Conversions Part 2

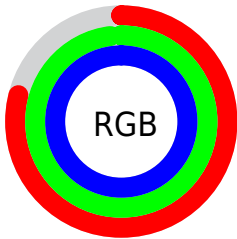
Format	Color
R_{YB}	201, 227, 255
Decimal	13236991
CIE Lab	95.16, -14.42, -7.53
CIE LCh	95, 16.267, 207.579
Yxy	88.0087, 0.2807, 0.3237
Android (android.graphics.Color)	4291427071 (0xFFC9FAFF)
YUV	235.9190, 9.4069, -30.6240
Hunter-Lab	93.8130, -18.9512, -2.3170

Details

The XYZ color **76.3230, 88.0087, 107.5725** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8538, 69.6188, 64.8053**, and the grayscale version is **79.6160, 83.7622, 91.2170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1171, 48.3281, 60.5872** is the 20% darker color. If you saturate the color by 10%, you get **69.3010, 83.3096, 107.0356**, and if you desaturate by 10%, it is **84.4967, 93.3197, 108.1668**.

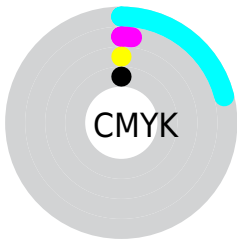
Distribution



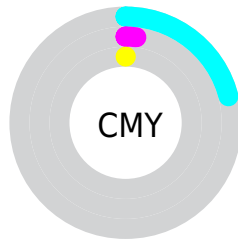
- Red (79%)
- Green (98%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3230, 88.0087, 107.5725 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 76.3230, 88.0087, 107.5725 by changing the saturation by 10% instead.

76.3230, 88.0087,
107.5725

76.3230, 88.0087,
107.5725

471.3801,
521.5317, 605.6603

56.9954, 66.3303,
81.9875

127.1613,
144.5693, 173.6676

41.2417, 48.5406,
60.8195

159.4027,
180.2202, 215.0147

28.6965, 34.2552,
43.6499

196.6794,
221.2974, 262.4530

18.9944, 23.0897,
30.0602

239.3568,
268.1853, 316.4009

11.7702, 14.6597,
19.6318

287.8002,
321.2683, 377.2771

6.6585, 8.5809,
11.9463

342.3750,

3.2939, 4.4689,

380.9308, 445.5000

6.5850

403.4465,
447.5571, 521.4883

■ 1.3110, 1.9391,
3.1295

■ 0.1914, 0.5718,
1.1611

■ 76.3230, 88.0087,
107.5725

■ 76.3230, 88.0087,
107.5725

■ 69.3010, 83.3096,
107.0356

■ 84.4967, 93.3197,
108.1668

■ 63.3675, 79.1830,
106.5518

■ 93.8675, 99.2592,
108.8193

■ 58.4642, 75.6009,
106.1188

■ 95.0500, 100.0000,
108.9000

■ 54.5239, 72.5287,
105.7335

■ 51.4717, 69.9279,
105.3923

■ 49.2218, 67.7539,
105.0913

■ 47.6706, 65.9535,
104.8255

■ 46.7411, 64.6021,
104.6137

Harmonies

Analogous

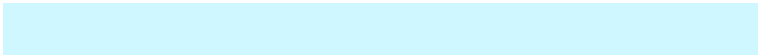
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4230, 88.0087, 94.7995



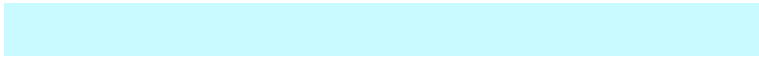
76.3230, 88.0087, 107.5725



79.1646, 88.0087, 117.9339

Triad

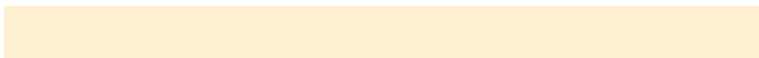
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3230, 88.0087, 107.5725



91.0494, 88.0087, 109.5124



84.0100, 88.0087, 73.4574

Complementary

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



76.3230, 88.0087, 107.5725



73.8538, 69.6188, 64.8053

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.



88.3010, 88.0087, 76.6704



76.3230, 88.0087, 107.5725



92.4537, 88.0087, 96.8609

Square

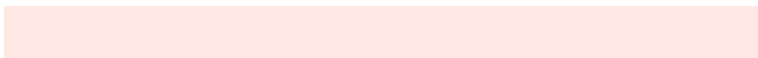
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3230, 88.0087, 107.5725



87.6563, 88.0087, 119.1215



91.4307, 88.0087, 84.9683



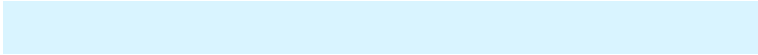
79.7670, 88.0087, 75.7855

Rectangle

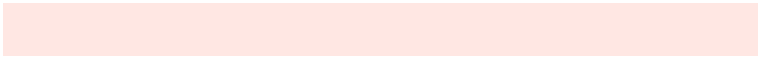
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



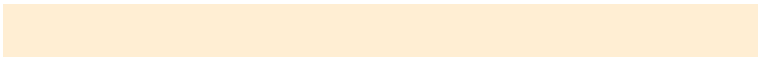
76.3230, 88.0087, 107.5725



81.8304, 88.0087, 121.6847



91.4307, 88.0087, 84.9683



85.4956, 88.0087, 73.9185

Sweetspot

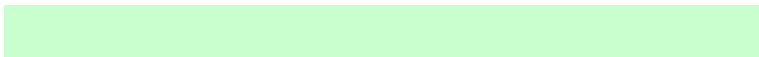
The Sweet Spot groups the original color and five complimentary colors.



76.3253, 88.0122, 107.5730



89.1936, 96.3131, 108.4970



70.9284, 88.3700, 71.3950



18.9604, 20.5321, 23.2137



0.0000, 0.0000, 0.0000



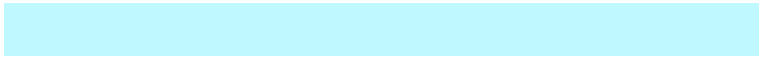
20.3446, 21.4041, 23.3091

Same Dimension

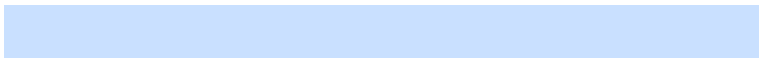
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3253, 88.0122, 107.5730



73.5062, 86.1437, 107.3609



68.6601, 72.6817, 105.0179



18.4028, 20.1771, 23.1746



24.4824, 33.8743, 54.6826



2.4240, 3.3786, 5.3377

Inverse Universe

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



79.3834, 69.9370, 99.7618



77.0403, 65.4767, 98.2844



80.7808, 83.4730, 67.1144



18.7159, 18.2697, 22.3872



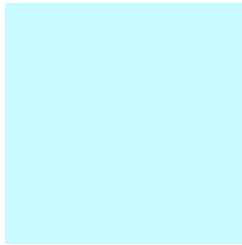
29.1458, 14.1476, 41.0136



2.8581, 1.3856, 4.1002

Previews

White Background



This preview shows how the XYZ color 76.3230, 88.0087, 107.5725 looks on a white background.

Color Contrast Check

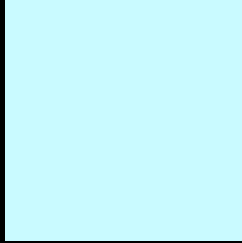
Large Text (above 18pt) WCAG AA × Fail

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 76.3230, 88.0087, 107.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

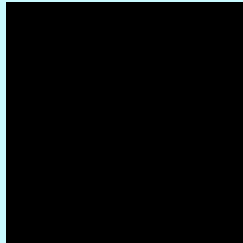
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3230, 88.0087, 107.5725

Background



This preview shows how black text looks on a background with the XYZ color 76.3230, 88.0087, 107.5725.



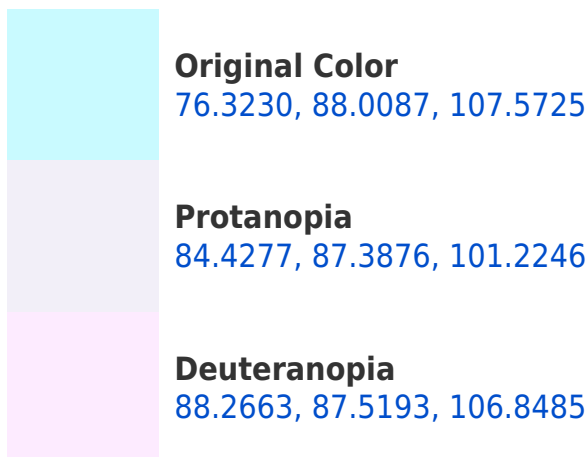
This preview shows how white text looks on a background with the XYZ color 76.3230, 88.0087,

107.5725.

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

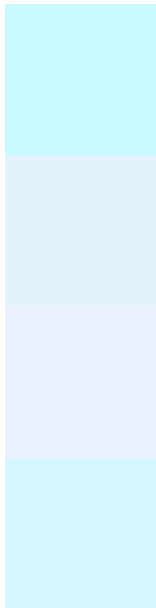




Tritanopia

80.5249, 87.4510, 107.2434

Trichromacy



Original Color

76.3230, 88.0087, 107.5725

Protanomaly

81.1417, 87.3971, 103.8595

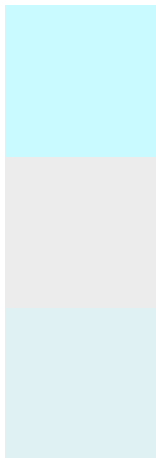
Deuteranomaly

83.1418, 87.0326, 107.0247

Tritanomaly

78.7373, 87.4277, 107.3331

Monochromacy



Original Color

76.3230, 88.0087, 107.5725

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.0644, 85.0696, 97.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3230, 88.0087, 107.5725 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(201, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 250, 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(201, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.3230, 88.0087, 107.5725 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(201, 250, 255) }
```


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

```
.border{ border-color:rgb(201, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3230, 88.0087, 107.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 250, 255) }
```

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

```
.background{ background-color: rgb(201,  
250, 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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