

Converting Colors

XYZ(73.3867, 85.6779,
107.2773)

Have a look what the booklet for
XYZ(73.3867, 85.6779, 107.2773)
contains.

XYZ(73.3556, 85.5613, 107.2565)	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(73.3556, 85.5613,
107.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F8FF
RGB	192, 248, 255
RGB Percent	75%, 97%, 100%
CMY	0.2470, 0.0274, 0.0000
CMYK	0.25, 0.03, 0.00, 0.00
HSL	187°, 100%, 88%
HSV	187°, 25%, 100%
XYZ	73.3556, 85.5613, 107.2565
YIQ	232.0540, -35.6230, -9.6950

Conversions

Conversions Part 2

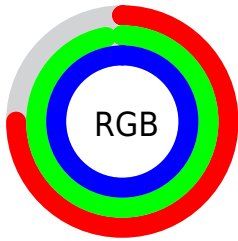
Format	Color
RYB	192, 222, 255
Decimal	12646655
CIELab	94.12, -16.04, -9.13
CIElCh	94, 18.455, 209.650
Yxy	85.5613, 0.2756, 0.3214
Android (android.graphics.Color)	4290836735 (0xFFC0F8FF)
YUV	232.0540, 11.3124, -35.1274
Hunter-Lab	92.4994, -20.3164, -3.9995

Details

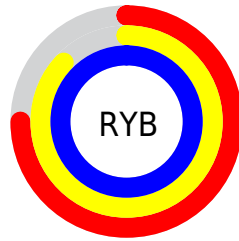
The XYZ color **73.3556, 85.5613, 107.2565** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1777, 65.9118, 58.8416**, and the grayscale version is **76.6812, 80.6746, 87.8546**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **39.3592, 47.0949, 60.4418** is the 20% darker color. If you saturate the color by 10%, you get **66.5864, 80.7912, 106.6925**, and if you desaturate by 10%, it is **81.2611, 90.9411, 107.8782**.

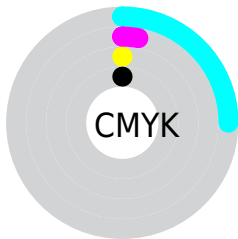
Distribution



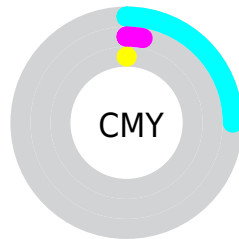
- Red (75%)
- Green (97%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3556, 85.5613, 107.2565 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 73.3556, 85.5613, 107.2565 by changing the saturation by 10% instead.

73.3556, 85.5613,
107.2565

73.3556, 85.5613,
107.2565

461.3311,
513.4835, 604.6598

54.5562, 64.3053,
81.7239

122.9823,
141.1571, 173.2326

39.2789, 46.8980,
60.6035

154.5403,
176.2657, 214.5132

27.1585, 32.9550,
43.4768

191.0819,
216.7606, 261.8802

17.8295, 22.0920,
29.9252

232.9725,
263.0262, 315.7521

10.9266, 13.9245,
19.5302

280.5773,
315.4469, 376.5474

6.0844, 8.0682,
11.8734

334.2618,

2.9376, 4.1386,

374.4071, 444.6848

6.5360

394.3912,
440.2912, 520.5827

■ 1.1209, 1.7514,
3.0997

■ 0.0425, 0.4566,
1.1457

■ 73.3556, 85.5613,
107.2565

■ 73.3556, 85.5613,
107.2565

■ 66.5864, 80.7912,
106.6925

■ 81.2611, 90.9411,
107.8782

■ 60.8890, 76.5910,
106.1821

■ 90.3496, 96.9482,
108.5587

■ 56.2027, 72.9314,
105.7227

95.0500, 100.0000,
108.9000

■ 52.4581, 69.7765,
105.3111

■ 49.5766, 67.0858,
104.9436

■ 47.4672, 64.8122,
104.6160

■ 46.0177, 62.8979,
104.3229

■ 45.4331, 61.9862,
104.1777

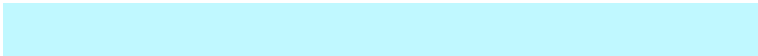
Harmonies

Analogous

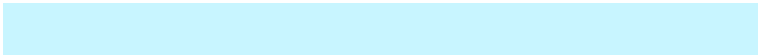
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2024, 85.5613, 92.9957



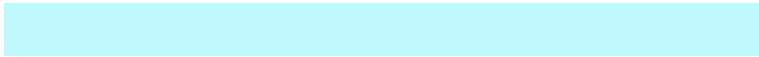
73.3556, 85.5613, 107.2565



76.6243, 85.5613, 118.6248

Triad

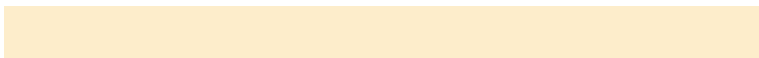
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3556, 85.5613, 107.2565



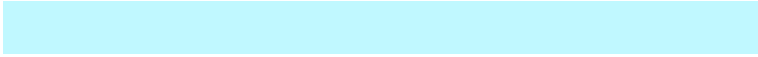
89.7864, 85.5613, 107.5728



81.3815, 85.5613, 68.5521

Complementary

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



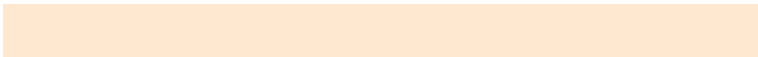
73.3556, 85.5613, 107.2565



71.1777, 65.9118, 58.8416

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.



86.2109, 85.5613, 71.6310



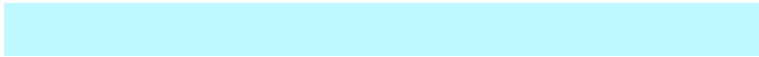
73.3556, 85.5613, 107.2565



91.1820, 85.5613, 93.3279

Square

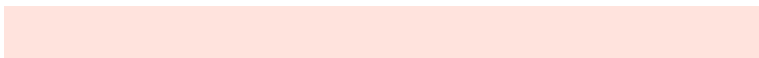
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3556, 85.5613, 107.2565



86.1065, 85.5613, 118.8200



89.8483, 85.5613, 80.3592



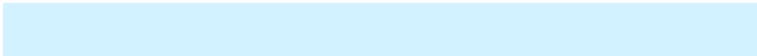
76.7209, 85.5613, 71.4917

Rectangle

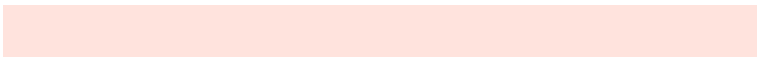
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3556, 85.5613, 107.2565



79.6312, 85.5613, 122.5210



89.8483, 85.5613, 80.3592



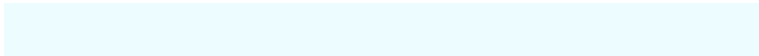
83.0395, 85.5613, 68.9126

Sweetspot

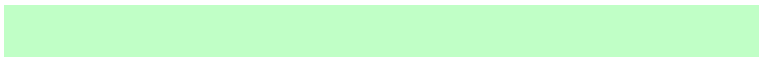
The Sweet Spot groups the original color and five complimentary colors.



73.3578, 85.5647, 107.2570



88.1561, 95.5123, 108.3971



67.7269, 86.8180, 66.7972



18.7479, 20.3639, 23.1925



0.0000, 0.0000, 0.0000



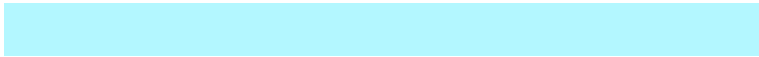
20.3446, 21.4041, 23.3091

Same Dimension

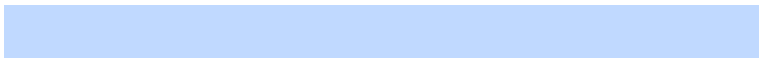
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3578, 85.5647, 107.2570



69.6348, 82.9638, 106.9512



64.6538, 68.1566, 104.3557



18.3725, 20.1166, 23.1645



23.8089, 32.5273, 54.4581



2.3652, 3.2612, 5.3181

Inverse Universe

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



77.0343, 65.7381, 97.4395



73.9723, 59.9850, 95.2757



78.9962, 81.5489, 61.4478



18.7007, 18.2636, 22.3068



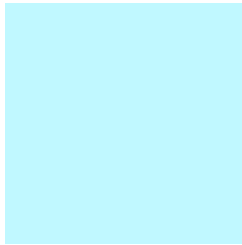
28.8058, 14.0116, 39.2234



2.8285, 1.3738, 3.9441

Previews

White Background



This preview shows how the XYZ color 73.3556, 85.5613, 107.2565 looks on a white background.

Color Contrast Check

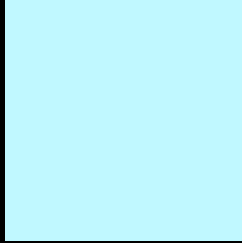
Large Text (above 18pt) WCAG AA × Fail

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 73.3556, 85.5613, 107.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

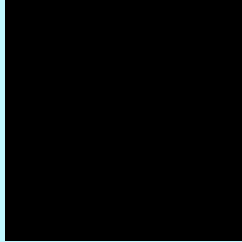
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3556, 85.5613, 107.2565

Background



This preview shows how black text looks on a background with the XYZ color 73.3556, 85.5613, 107.2565.

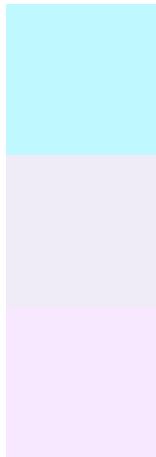


This preview shows how white text looks on a background with the XYZ color 73.3556, 85.5613,

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



Original Color

73.3556, 85.5613, 107.2565

Protanopia

82.5353, 85.1189, 100.8865

Deuteranopia

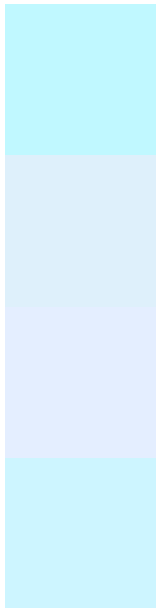
85.6180, 84.8897, 106.4805



Tritanopia

77.5412, 85.4673, 107.0177

Trichromacy



Original Color

73.3556, 85.5613, 107.2565

Protanomaly

78.6969, 84.8148, 103.4899

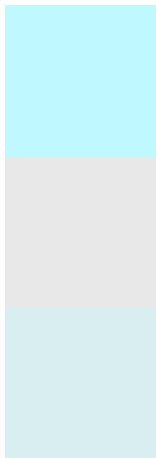
Deuteranomaly

80.6194, 84.8631, 106.7388

Tritanomaly

75.8792, 85.5040, 107.1124

Monochromacy



Original Color

73.3556, 85.5613, 107.2565

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

74.9180, 82.1921, 94.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3556, 85.5613, 107.2565 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(192, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 248, 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(192, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3556, 85.5613, 107.2565 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(192, 248, 255) }
```


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

```
.border{ border-color:rgb(192, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3556, 85.5613, 107.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 248, 255) }
```

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

```
.background{ background-color: rgb(192,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor