

Converting Colors

XYZ(82.6624, 90.8450,
107.7858)

Have a look what the booklet for
XYZ(82.6624, 90.8450, 107.7858)
contains.

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Color

**XYZ(82.6662, 90.8187,
107.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F9FF
RGB	224, 249, 255
RGB Percent	88%, 98%, 100%
CMY	0.1216, 0.0235, 0.0000
CMYK	0.12, 0.02, 0.00, 0.00
HSL	192°, 100%, 94%
HSV	192°, 12%, 100%
XYZ	82.6662, 90.8187, 107.7805
YIQ	242.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

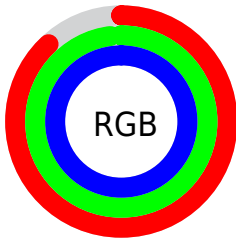
Format	Color
R_{YB}	224, 238, 255
Decimal	14744063
CIE _{Lab}	96.34, -6.93, -5.64
CIE _{LCh}	96, 8.937, 219.140
Yxy	90.8187, 0.2939, 0.3229
Android (android.graphics.Color)	4292934143 (0xFFE0F9FF)
YUV	242.2090, 6.3060, -15.9693
Hunter-Lab	95.2988, -11.9346, -0.3462

Details

The XYZ color **82.6662, 90.8187, 107.7805** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.9908, 83.2339, 82.2144**, and the grayscale version is **84.5268, 88.9288, 96.8435**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6252, 50.6522, 60.7982** is the 20% darker color. If you saturate the color by 10%, you get **73.8443, 84.0401, 106.9371**, and if you desaturate by 10%, it is **92.7180, 98.2957, 108.6939**.

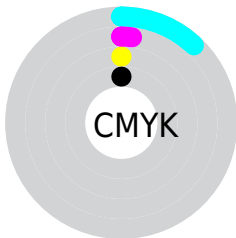
Distribution



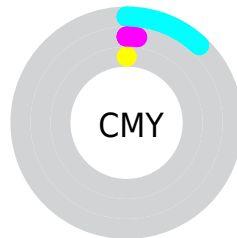
- Red (88%)
- Green (98%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6662, 90.8187, 107.7805 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 82.6662, 90.8187, 107.7805 by changing the saturation by 10% instead.

82.6662, 90.8187,
107.7805

82.6662, 90.8187,
107.7805

492.4742,
530.6905, 606.3184

62.2308, 68.6599,
82.1611

136.0388,
148.4751, 173.9538

45.4755, 50.4348,
60.9617

169.7067,
184.7414, 215.3447

32.0350, 35.7590,
43.7639

208.5162,
226.4791, 262.8299

21.5439, 24.2481,
30.1491

252.8325,
274.0724, 316.8279

13.6369, 15.5178,
19.6988

303.0212,
327.9058, 377.7572

7.9486, 9.1836,
11.9944

359.4474,

4.1136, 4.8611,

388.3637, 446.0363

6.6174

422.4766,
455.8304, 522.0839

■ 1.7666, 2.1660,
3.1492

■ 0.4974, 0.7014,
1.1713

■ 82.6662, 90.8187,
107.7805

■ 82.6662, 90.8187,
107.7805

■ 73.8443, 84.0401,
106.9371

■ 92.7180, 98.2957,
108.6939

■ 66.1924, 77.9210,
106.1593

95.0500, 100.0000,
108.9000

■ 59.6559, 72.4355,
105.4450

■ 54.1732, 67.5513,
104.7912

■ 49.6763, 63.2329,
104.1947

■ 46.0891, 59.4405,
103.6518

■ 43.3240, 56.1286,
103.1582

■ 41.2752, 53.2420,
102.7091

■ 40.0457, 51.2115,
102.3819

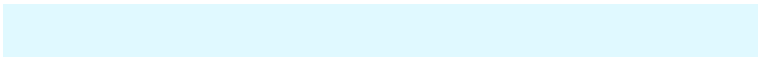
Harmonies

Analogous

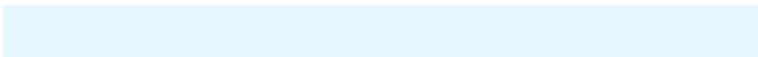
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6870, 90.8187, 101.0764



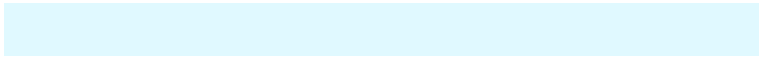
82.6662, 90.8187, 107.7805



84.6297, 90.8187, 112.2366

Triad

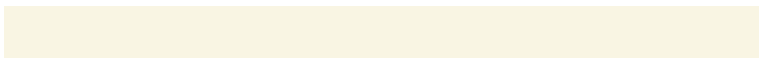
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6662, 90.8187, 107.7805



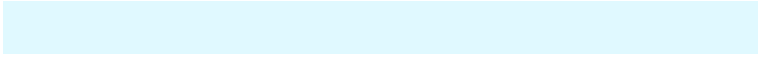
90.8642, 90.8187, 103.8409



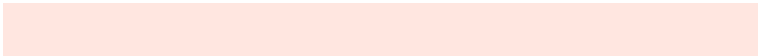
85.5635, 90.8187, 85.9779

Complementary

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



82.6662, 90.8187, 107.7805



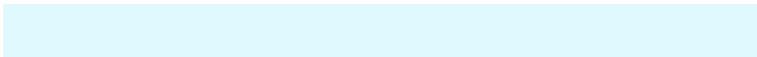
82.9908, 83.2339, 82.2144

Split Complementary

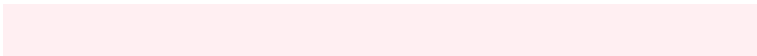
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0336, 90.8187, 86.6386



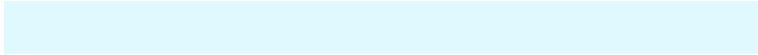
82.6662, 90.8187, 107.7805



91.1258, 90.8187, 96.7277

Square

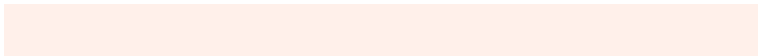
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6662, 90.8187, 107.7805



89.3727, 90.8187, 109.8874



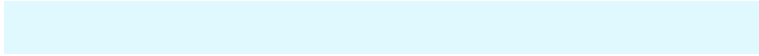
90.0808, 90.8187, 90.4951



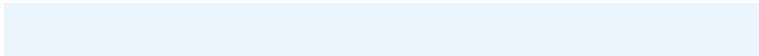
83.3385, 90.8187, 88.6448

Rectangle

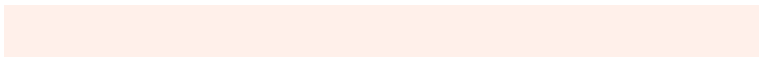
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



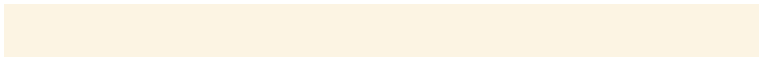
82.6662, 90.8187, 107.7805



86.2487, 90.8187, 113.2141



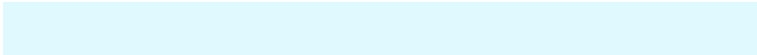
90.0808, 90.8187, 90.4951



86.3922, 90.8187, 85.8211

Sweetspot

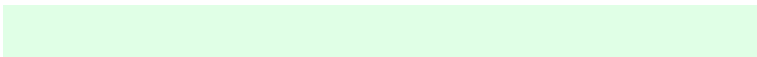
The Sweet Spot groups the original color and five complimentary colors.



82.6686, 90.8224, 107.7811



90.7704, 96.8644, 108.5203



80.7400, 93.0632, 88.3389



19.2612, 20.6095, 23.2128



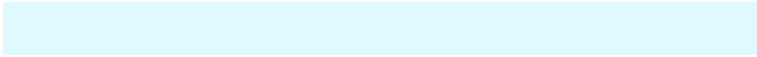
0.0000, 0.0000, 0.0000



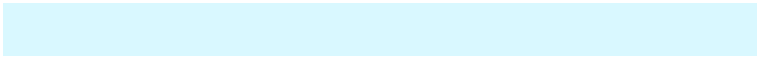
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6686, 90.8224, 107.7811



80.0364, 88.8243, 107.5342



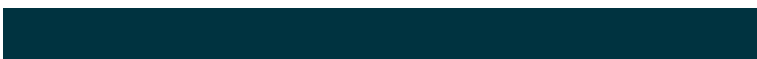
78.1623, 81.8099, 106.2790



18.2388, 19.8492, 23.1199



21.0308, 26.9712, 53.5321



2.1206, 2.7720, 5.2365

Inverse Universe

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



84.9960, 81.4125, 100.8614



82.8702, 77.5096, 99.0774



87.4030, 92.0582, 83.6851



18.6332, 18.2366, 21.9515



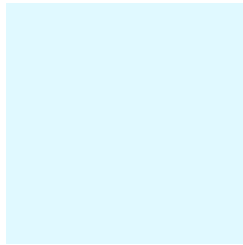
27.4036, 13.4507, 31.8393



2.7050, 1.3244, 3.2940

Previews

White Background



This preview shows how the XYZ color 82.6662, 90.8187, 107.7805 looks on a white background.

Color Contrast Check

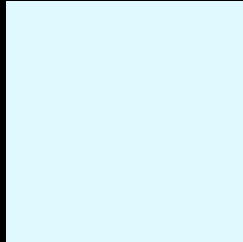
Large Text (above 18pt) WCAG AA × Fail

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 82.6662, 90.8187, 107.7805 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 82.6662, 90.8187, 107.7805

Background



This preview shows how black text looks on a background with the XYZ color 82.6662, 90.8187, 107.7805.



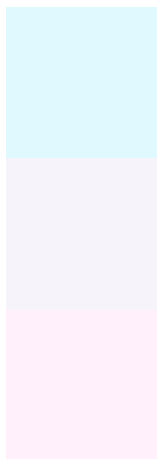
This preview shows how white text looks on a background with the XYZ color 82.6662, 90.8187,

107.7805.

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

82.6662, 90.8187, 107.7805

Protanopia

87.4692, 90.6590, 104.1556

Deuteranopia

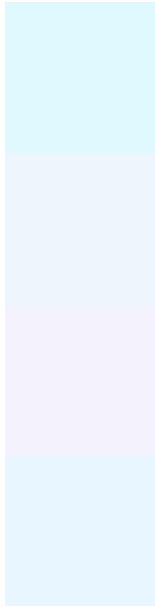
89.9708, 90.6085, 104.8427



Tritanopia

85.5978, 90.9644, 107.6541

Trichromacy



Original Color

82.6662, 90.8187, 107.7805

Protanomaly

85.4830, 90.5102, 105.0602

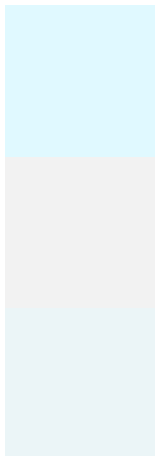
Deuteranomaly

87.0884, 90.4261, 105.7924

Tritanomaly

84.5895, 90.8973, 107.6943

Monochromacy



Original Color

82.6662, 90.8187, 107.7805

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.7019, 89.6824, 100.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6662, 90.8187, 107.7805 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(224, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 249, 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(224, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.6662, 90.8187, 107.7805 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(224, 249, 255) }
```


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

```
.border{ border-color:rgb(224, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6662, 90.8187, 107.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 249, 255) }
```

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

```
.background{ background-color: rgb(224,  
249, 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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