

Converting Colors

XYZ(76.5112, 81.8088,
105.6720)

Have a look what the booklet for
XYZ(76.5112, 81.8088, 105.6720)
contains.

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Color

**XYZ(76.5001, 81.8984,
105.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ECFE
RGB	217, 236, 254
RGB Percent	85%, 93%, 100%
CMY	0.1490, 0.0745, 0.0039
CMYK	0.15, 0.07, 0.00, 0.00
HSL	209°, 95%, 92%
HSV	209°, 15%, 100%
XYZ	76.5001, 81.8984, 105.5419
YIQ	232.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

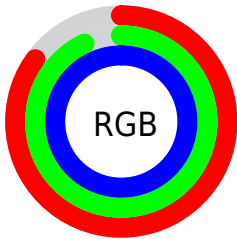
Format	Color
R _Y B	217, 230, 254
Decimal	14281982
CIE Lab	92.53, -2.70, -10.81
CIE LCh	93, 11.145, 255.961
Yxy	81.8984, 0.2898, 0.3103
Android (android.graphics.Color)	4292472062 (0xFFD9ECFE)
YUV	232.3710, 10.6631, -13.4804
Hunter-Lab	90.4977, -7.4803, -5.7978

Details

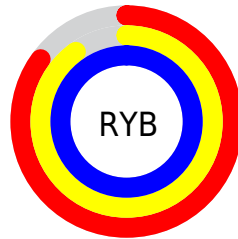
The XYZ color **76.5001, 81.8984, 105.5419** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1062, 85.4969, 77.7696**, and the grayscale version is **76.9134, 80.9189, 88.1207**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2996, 44.3551, 59.2080** is the 20% darker color. If you saturate the color by 10%, you get **66.0891, 71.4341, 104.0721**, and if you desaturate by 10%, it is **88.3240, 93.4606, 107.1517**.

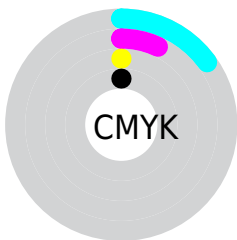
Distribution



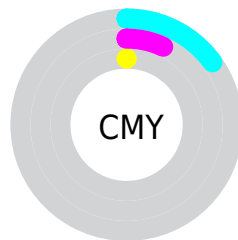
- Red (85%)
- Green (93%)
- Blue (100%)



- Red (85%)
- Yellow (90%)
- Blue (100%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5001, 81.8984, 105.5419 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 76.5001, 81.8984, 105.5419 by changing the saturation by 10% instead.

■ 76.5001, 81.8984,
105.5419

■ 76.5001, 81.8984,
105.5419

471.9760,
501.3078, 599.2159

■ 57.1412, 61.2818,
80.2942

127.4102,
136.0315, 170.8705

■ 41.3592, 44.4526,
59.4329

159.6920,
170.3168, 211.7884

■ 28.7888, 31.0265,
42.5394

197.0122,
209.9271, 258.7669

■ 19.0646, 20.6190,
29.1952

239.7362,
255.2469, 312.2244

■ 11.8212, 12.8458,
18.9817

288.2291,
306.6604, 372.5796

■ 6.6934, 7.3225,
11.4804

342.8565,

■ 3.3157, 3.6646,

364.5521, 440.2508

6.2727

403.9837,
429.3065, 515.6568

■ 1.3228, 1.4878,
2.9401

■ 0.2002, 0.2801,
1.0641

■ 76.5001, 81.8984,
105.5419

■ 76.5001, 81.8984,
105.5419

■ 66.0891, 71.4341,
104.0721

■ 88.3240, 93.4606,
107.1517

■ 57.0258, 62.0204,
102.7328

94.8896, 99.9359,
108.0555

■ 49.2504, 53.6211,
101.5214

■ 42.6956, 46.1936,
100.4332

■ 37.2872, 39.6915,
99.4632

■ 32.9421, 34.0637,
98.6059

■ 29.5644, 29.2519,
97.8552

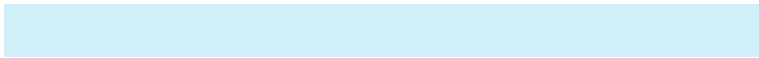
■ 27.0373, 25.1869,
97.2038

■ 25.9330, 23.2426,
96.8867

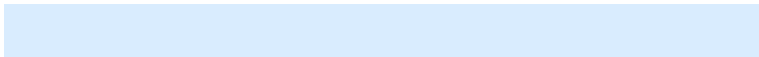
Harmonies

Analogous

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



74.0381, 81.8984, 101.1253



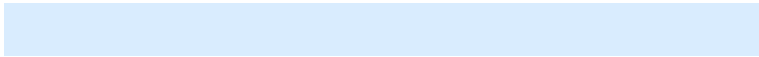
76.5001, 81.8984, 105.5419



79.3819, 81.8984, 105.3872

Triad

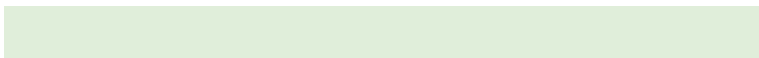
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5001, 81.8984, 105.5419



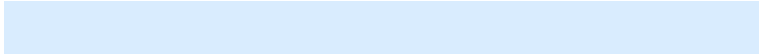
83.3146, 81.8984, 84.8632



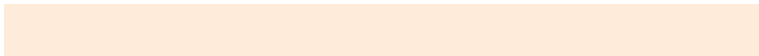
73.9105, 81.8984, 78.5492

Complementary

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



76.5001, 81.8984, 105.5419



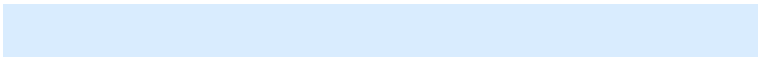
83.1062, 85.4969, 77.7696

Split Complementary

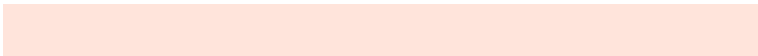
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3221, 81.8984, 74.7143



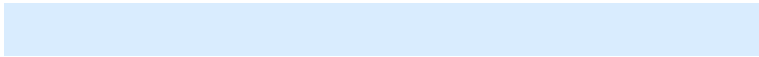
76.5001, 81.8984, 105.5419



81.7740, 81.8984, 78.2025

Square

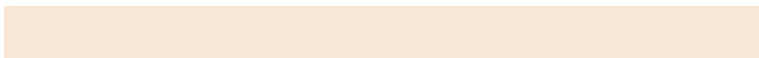
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5001, 81.8984, 105.5419



83.3652, 81.8984, 93.0949



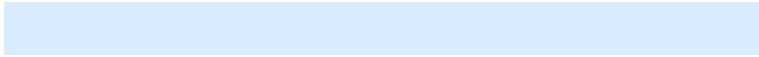
79.1994, 81.8984, 74.5914



72.5683, 81.8984, 85.3637

Rectangle

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



76.5001, 81.8984, 105.5419



81.1551, 81.8984, 102.7025



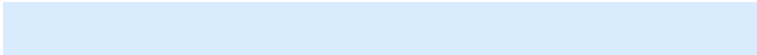
79.1994, 81.8984, 74.5914



74.6203, 81.8984, 76.8880

Sweetspot

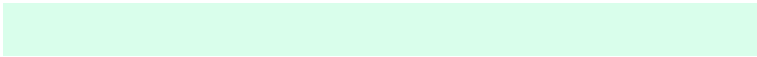
The Sweet Spot groups the original color and five complimentary colors.



76.5025, 81.9018, 105.5437



89.8341, 94.9918, 108.2082



79.0371, 91.6282, 92.0307



19.0239, 20.1349, 23.1337



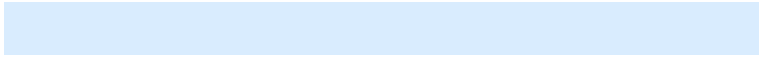
0.0000, 0.0000, 0.0000



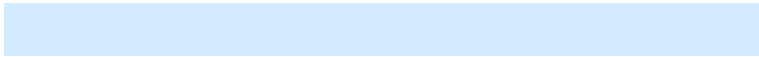
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5025, 81.9018, 105.5437



74.4991, 79.9621, 106.1155



71.4783, 71.8533, 103.8690



17.7745, 18.9207, 22.9652



13.8204, 12.5504, 51.1286



1.4550, 1.4408, 5.0147

Inverse Universe

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



80.8281, 76.7544, 89.9158



79.5351, 74.1078, 87.8899



88.6452, 96.5748, 79.6159



18.3988, 18.1429, 20.7175



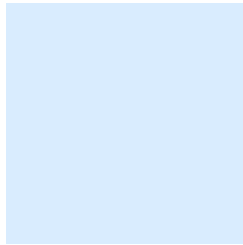
23.7641, 11.9949, 12.6741



2.3690, 1.1900, 1.5248

Previews

White Background



This preview shows how the XYZ color 76.5001, 81.8984, 105.5419 looks on a white background.

Color Contrast Check

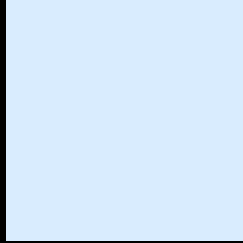
Large Text (above 18pt) WCAG AA × Fail

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 76.5001, 81.8984, 105.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

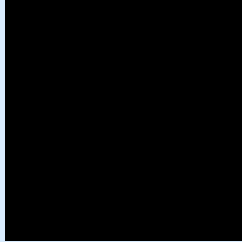
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

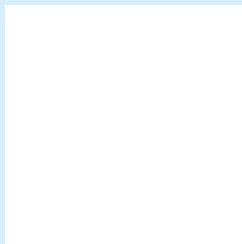
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5001, 81.8984, 105.5419

Background



This preview shows how black text looks on a background with the XYZ color 76.5001, 81.8984, 105.5419.

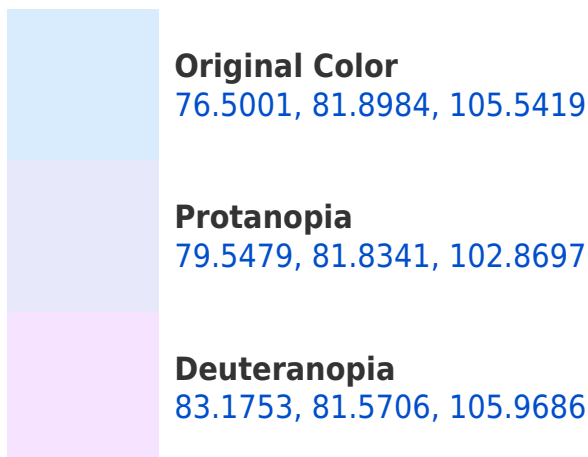


This preview shows how white text looks on a background with the XYZ color 76.5001, 81.8984,

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

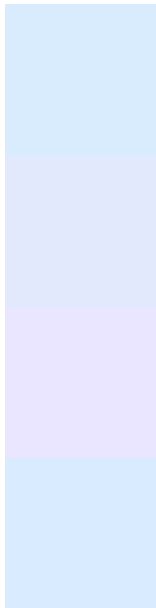




Tritanopia

76.6607, 81.9626, 106.3877

Trichromacy



Original Color

76.5001, 81.8984, 105.5419

Protanomaly

78.3882, 81.6370, 103.7215

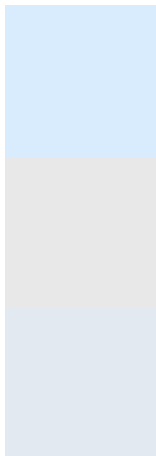
Deuteranomaly

80.6078, 81.4758, 106.0857

Tritanomaly

76.6607, 81.9626, 106.3877

Monochromacy



Original Color

76.5001, 81.8984, 105.5419

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5456, 80.9000, 94.0189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5001, 81.8984, 105.5419 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(217, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 254)  
}
```

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(217, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.5001, 81.8984, 105.5419 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(217, 236, 254) }
```


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

```
.border{ border-color:rgb(217, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 236,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5001, 81.8984, 105.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 254) }
```

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

```
.background{ background-color: rgb(217,  
236, 254) }
```

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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