

Converting Colors

XYZ(76.0331, 82.1023,
104.7645)

Have a look what the booklet for
XYZ(76.0331, 82.1023, 104.7645)
contains.

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Color

**XYZ(76.0381, 82.1073,
104.7692)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EDFD
RGB	215, 237, 253
RGB Percent	84%, 93%, 99%
CMY	0.1569, 0.0706, 0.0078
CMYK	0.15, 0.06, 0.00, 0.01
HSL	205°, 90%, 92%
HSV	205°, 15%, 99%
XYZ	76.0381, 82.1073, 104.7692
YIQ	232.2460, -18.2480, 0.3120

Conversions

Conversions Part 2

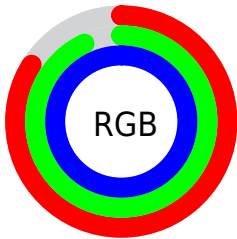
Format	Color
R _Y B	215, 229, 253
Decimal	14151165
CIE _{Lab}	92.62, -4.04, -10.17
CIE _{LCh}	93, 10.942, 248.337
Y _{xy}	82.1073, 0.2892, 0.3123
Android (android.graphics.Color)	4292341245 (0xFFD7EDFD)
Y _{UV}	232.2460, 10.2317, -15.1247
Hunter-Lab	90.6131, -8.7843, -5.1235

Details

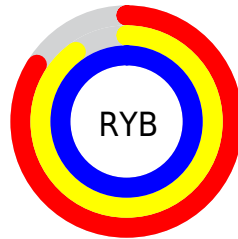
The XYZ color **76.0381, 82.1073, 104.7692** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3502, 82.9404, 76.0129**, and the grayscale version is **76.8235, 80.8243, 88.0176**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9849, 44.5069, 58.6551** is the 20% darker color. If you saturate the color by 10%, you get **66.1836, 72.5865, 103.4522**, and if you desaturate by 10%, it is **87.2294, 92.5934, 106.2047**.

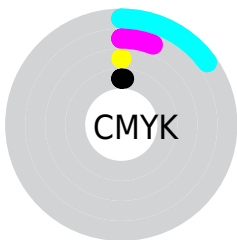
Distribution



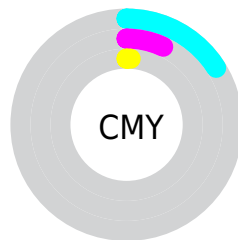
- Red (84%)
- Green (93%)
- Blue (99%)



- Red (84%)
- Yellow (90%)
- Blue (99%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0381, 82.1073, 104.7692 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 76.0381, 82.1073, 104.7692 by changing the saturation by 10% instead.

■ 76.0381, 82.1073,
104.7692

■ 76.0381, 82.1073,
104.7692

470.4205,
502.0065, 596.7541

■ 56.7609, 61.4540,
79.6504

126.7608,
136.3245, 169.8047

■ 41.0527, 44.5917,
58.9063

158.9371,
170.6571, 210.5585

■ 28.5481, 31.1359,
42.1182

196.1437,
210.3183, 257.3610

■ 18.8818, 20.7024,
28.8676

238.7462,
255.6925, 310.6309

■ 11.6884, 12.9066,
18.7359

287.1097,
307.1640, 370.7866

■ 6.6026, 7.3643,
11.3048

341.5997,

■ 3.2589, 3.6909,

365.1172, 438.2467

6.1555

402.5815,
429.9366, 513.4297

■ 1.2921, 1.5022,
2.8695

■ 0.1773, 0.2903,
1.0284

■ 76.0381, 82.1073,
104.7692

■ 76.0381, 82.1073,
104.7692

■ 66.1836, 72.5865,
103.4522

■ 87.2294, 92.5934,
106.2047

■ 57.6029, 63.9875,
102.2447

94.7299, 99.8720,
107.2143

■ 50.2385, 56.2780,
101.1447

■ 44.0251, 49.4193,
100.1484

■ 38.8911, 43.3695,
99.2512

■ 34.7558, 38.0816,
98.4485

■ 31.5256, 33.5022,
97.7348

■ 29.0860, 29.5664,
97.1038

■ 28.0855, 27.8031,
96.8161

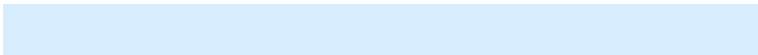
Harmonies

Analogous

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



73.8270, 82.1073, 99.4772



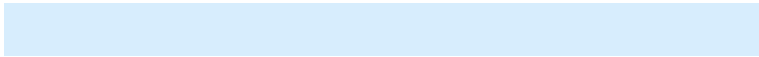
76.0381, 82.1073, 104.7692



78.8365, 82.1073, 105.8188

Triad

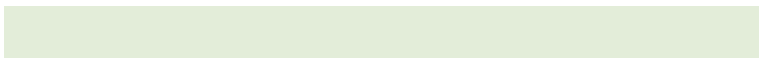
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0381, 82.1073, 104.7692



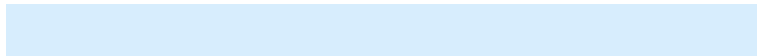
83.5804, 82.1073, 87.1480



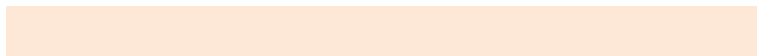
74.6956, 82.1073, 77.6644

Complementary

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



76.0381, 82.1073, 104.7692



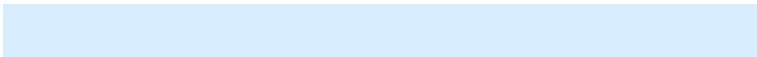
81.3502, 82.9404, 76.0129

Split Complementary

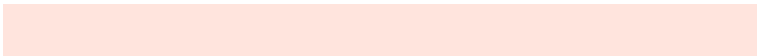
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2499, 82.1073, 74.7755



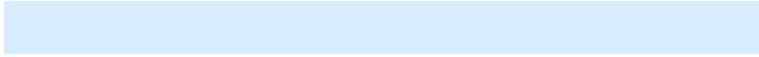
76.0381, 82.1073, 104.7692



82.4114, 82.1073, 80.0290

Square

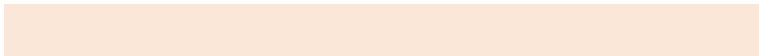
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0381, 82.1073, 104.7692



83.2368, 82.1073, 95.3111



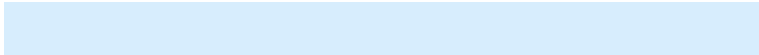
80.0778, 82.1073, 75.6141



73.0651, 82.1073, 83.7402

Rectangle

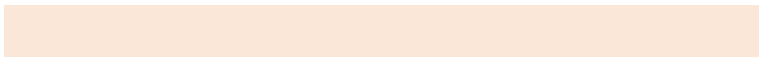
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0381, 82.1073, 104.7692



80.6665, 82.1073, 103.9146



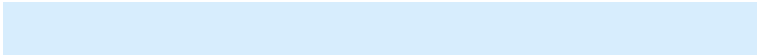
80.0778, 82.1073, 75.6141



75.4722, 82.1073, 76.3057

Sweetspot

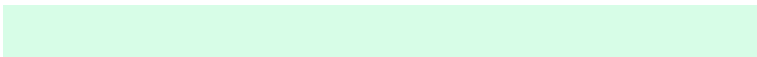
The Sweet Spot groups the original color and five complimentary colors.



76.0405, 82.1107, 104.7710



88.8254, 94.2847, 108.1249



77.5513, 90.4592, 88.8524



18.8311, 20.0132, 23.1204



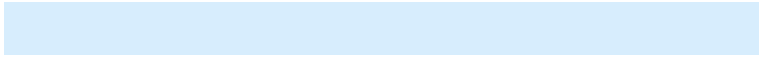
0.0000, 0.0000, 0.0000



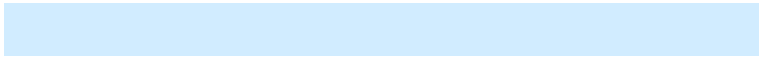
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0405, 82.1107, 104.7710



74.2755, 80.5953, 106.2495



70.8701, 71.7698, 103.0475



17.8767, 19.1250, 22.9992



15.0876, 15.0849, 51.5511



1.5772, 1.6851, 5.0554

Inverse Universe

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



80.0964, 75.5997, 90.4954



79.1585, 72.9474, 89.0197



86.9090, 94.0581, 77.8659



18.4504, 18.1635, 20.9889



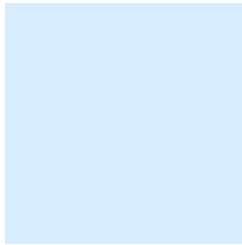
24.4037, 12.2508, 16.0425



2.4307, 1.2147, 1.8495

Previews

White Background



This preview shows how the XYZ color 76.0381, 82.1073, 104.7692 looks on a white background.

Color Contrast Check

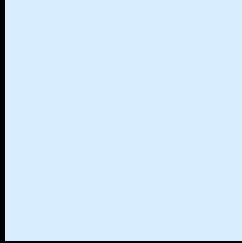
Large Text (above 18pt) WCAG AA × Fail

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 76.0381, 82.1073, 104.7692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

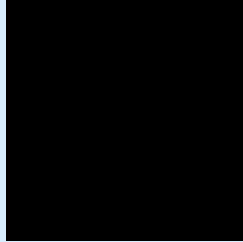
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

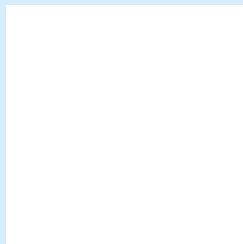
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0381, 82.1073, 104.7692

Background



This preview shows how black text looks on a background with the XYZ color 76.0381, 82.1073, 104.7692.



This preview shows how white text looks on a background with the XYZ color 76.0381, 82.1073,

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

76.0381, 82.1073, 104.7692

Protanopia

79.7162, 81.9390, 102.0568

Deuteranopia

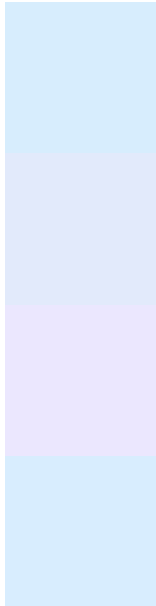
83.5251, 81.7510, 105.9850



Tritanopia

76.6531, 82.3873, 106.4700

Trichromacy



Original Color

76.0381, 82.1073, 104.7692

Protanomaly

78.1994, 81.9794, 102.9688

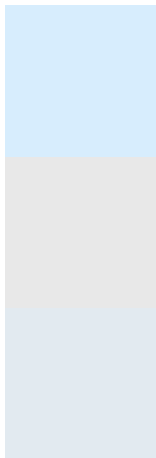
Deuteranomaly

80.7263, 81.9698, 105.3329

Tritanomaly

76.4925, 82.3231, 105.6243

Monochromacy



Original Color

76.0381, 82.1073, 104.7692

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5150, 81.3057, 94.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0381, 82.1073, 104.7692 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(215, 237, 253)` looks like.

```
.text, #text, p{  
    color:rgb(215, 237, 253)  
}
```

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(215, 237, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 237, 253) }
```

Border

The CSS property to change the border of an element to XYZ 76.0381, 82.1073, 104.7692 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(215, 237, 253) }
```


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

```
.border{ border-color:rgb(215, 237, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 237, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 237, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 237, 253);  
box-shadow:4px 4px 4px 4px rgb(215, 237,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0381, 82.1073, 104.7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 237, 253) }
```

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

```
.background{ background-color: rgb(215,  
237, 253) }
```

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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