

Converting Colors

XYZ(76.5591, 81.1586,
103.4405)

Have a look what the booklet for
XYZ(76.5591, 81.1586, 103.4405)
contains.

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Color

**XYZ(76.5087, 81.0896,
103.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEAFC
RGB	220, 234, 252
RGB Percent	86%, 92%, 99%
CMY	0.1372, 0.0823, 0.0118
CMYK	0.13, 0.07, 0.00, 0.01
HSL	214°, 84%, 93%
HSV	214°, 13%, 99%
XYZ	76.5087, 81.0896, 103.7149
YIQ	231.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

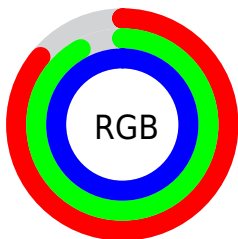
Format	Color
R _Y B	220, 230, 252
Decimal	14478076
CIE Lab	92.17, -1.14, -10.28
CIE LCh	92, 10.345, 263.667
Yxy	81.0896, 0.2928, 0.3103
Android (android.graphics.Color)	4292668156 (0xFFDCEAFC)
YUV	231.8660, 9.9261, -10.4065
Hunter-Lab	90.0498, -5.9287, -5.2525

Details

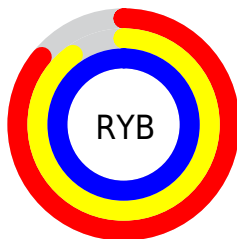
The XYZ color **76.5087, 81.0896, 103.7149** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6381, 87.0113, 80.0983**, and the grayscale version is **76.5392, 80.5252, 87.6920**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2878, 43.7803, 57.9041** is the 20% darker color. If you saturate the color by 10%, you get **65.5748, 69.7028, 102.0946**, and if you desaturate by 10%, it is **88.9198, 93.7214, 105.5002**.

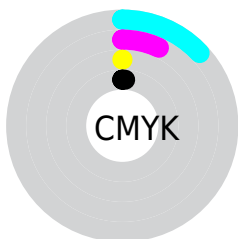
Distribution



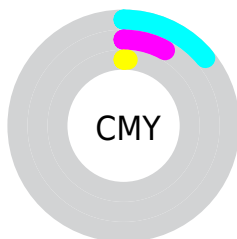
- Red (86%)
- Green (92%)
- Blue (99%)



- Red (86%)
- Yellow (90%)
- Blue (99%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5087, 81.0896, 103.7149 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 76.5087, 81.0896, 103.7149 by changing the saturation by 10% instead.

■ 76.5087, 81.0896,
103.7149

■ 76.5087, 81.0896,
103.7149

472.0050,
498.5973, 593.3866

■ 57.1483, 60.6154,
78.7725

127.4223,
134.8966, 168.3493

■ 41.3649, 43.9149,
58.1886

159.7061,
168.9981, 208.8783

■ 28.7932, 30.6036,
41.5446

197.0284,
208.4109, 255.4399

■ 19.0680, 20.2972,
28.4219

239.7546,
253.5194, 308.4528

■ 11.8237, 12.6112,
18.4022

288.2500,
304.7078, 368.3353

■ 6.6951, 7.1614,
11.0667

342.8799,

■ 3.3168, 3.5632,

362.3607, 435.5061

5.9970

404.0098,
426.8624, 510.3837

■ 1.3234, 1.4324,
2.7745

■ 0.2006, 0.2404,
0.9807

■ 76.5087, 81.0896,
103.7149

■ 76.5087, 81.0896,
103.7149

■ 65.5748, 69.7028,
102.0946

■ 88.9198, 93.7214,
105.5002

■ 56.0522, 59.5094,
100.6290

94.5709, 99.8084,
106.3773

■ 47.8802, 50.4687,
99.3146

■ 40.9909, 42.5337,
98.1461

■ 35.3098, 35.6534,
97.1175

■ 30.7539, 29.7719,
96.2224

■ 27.2284, 24.8267,
95.4537

■ 24.6199, 20.7448,
94.8033

■ 23.1768, 18.2402,
94.3959

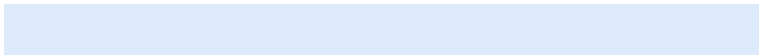
Harmonies

Analogous

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



74.0736, 81.0896, 100.6651



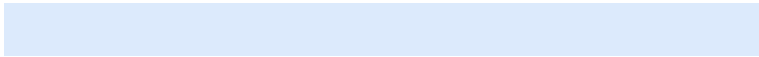
76.5087, 81.0896, 103.7149



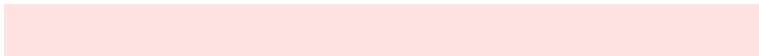
79.1509, 81.0896, 102.4443

Triad

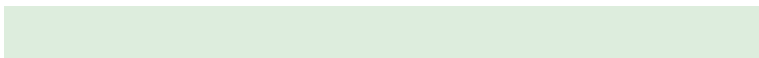
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5087, 81.0896, 103.7149



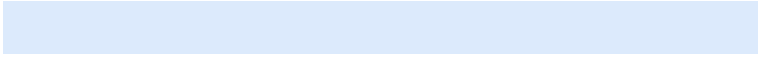
81.8679, 81.0896, 82.5256



73.0140, 81.0896, 79.8710

Complementary

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



76.5087, 81.0896, 103.7149



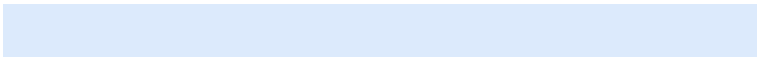
83.6381, 87.0113, 80.0983

Split Complementary

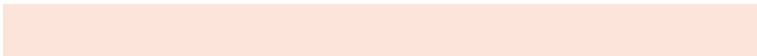
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0323, 81.0896, 75.5085



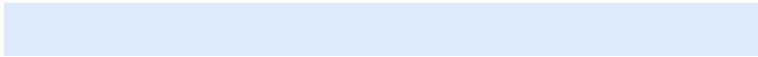
76.5087, 81.0896, 103.7149



80.1528, 81.0896, 76.9782

Square

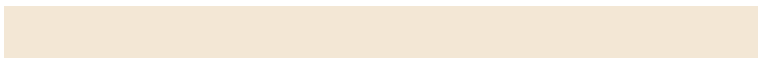
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5087, 81.0896, 103.7149



82.2852, 81.0896, 89.9235



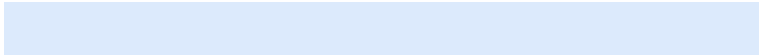
77.6405, 81.0896, 74.4807



72.0861, 81.0896, 86.6819

Rectangle

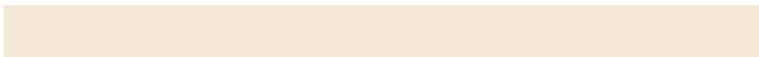
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5087, 81.0896, 103.7149



80.6698, 81.0896, 99.3527



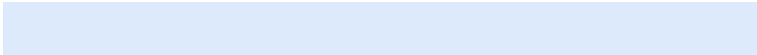
77.6405, 81.0896, 74.4807



73.5851, 81.0896, 78.0858

Sweetspot

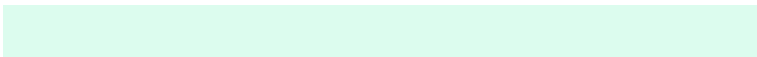
The Sweet Spot groups the original color and five complimentary colors.



76.5111, 81.0930, 103.7167



89.5937, 94.5109, 108.1281



79.7009, 90.9874, 93.9442



18.9631, 20.0133, 23.1134



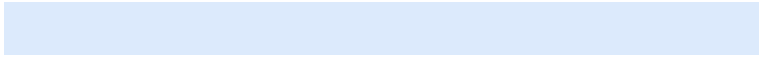
0.0000, 0.0000, 0.0000



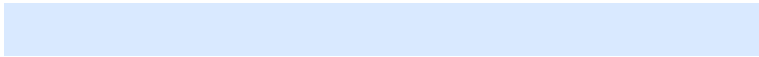
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5111, 81.0930, 103.7167



75.8684, 80.4882, 106.1448



73.1672, 73.6827, 102.4626



16.9080, 17.8928, 21.9478



12.2137, 9.7830, 49.2181



1.2346, 1.1130, 4.5929

Inverse Universe

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



80.5912, 77.8241, 88.6198



80.7663, 76.6681, 87.9987



87.2979, 95.1875, 81.4836



17.5601, 17.3514, 19.5392



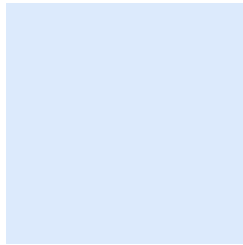
22.4569, 11.3985, 9.1146



2.1321, 1.0766, 1.1191

Previews

White Background



This preview shows how the XYZ color 76.5087, 81.0896, 103.7149 looks on a white background.

Color Contrast Check

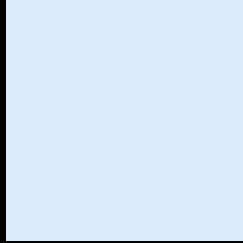
Large Text (above 18pt) WCAG AA × Fail

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 76.5087, 81.0896, 103.7149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

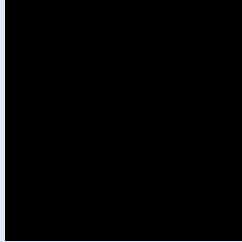
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

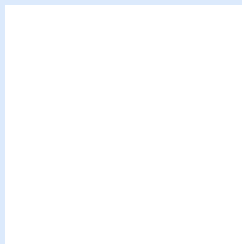
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5087, 81.0896, 103.7149

Background



This preview shows how black text looks on a background with the XYZ color 76.5087, 81.0896, 103.7149.



This preview shows how white text looks on a background with the XYZ color 76.5087, 81.0896,

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

76.5087, 81.0896, 103.7149

Protanopia

78.7862, 81.0429, 101.9328

Deuteranopia

82.7419, 80.9609, 105.0320



Tritanopia

76.5087, 81.0896, 103.7149

Trichromacy



Original Color

76.5087, 81.0896, 103.7149

Protanomaly

77.9478, 81.0092, 102.7948

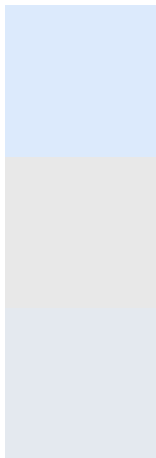
Deuteranomaly

80.3410, 80.9633, 104.3216

Tritanomaly

76.5087, 81.0896, 103.7149

Monochromacy



Original Color

76.5087, 81.0896, 103.7149

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.7138, 81.0038, 93.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5087, 81.0896, 103.7149 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(220, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 234, 252)  
}
```

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(220, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 234, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.5087, 81.0896, 103.7149 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(220, 234, 252) }
```


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

```
.border{ border-color:rgb(220, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 234,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5087, 81.0896, 103.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 234, 252) }
```

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

```
.background{ background-color: rgb(220,  
234, 252) }
```

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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