

Converting Colors

XYZ(76.4025, 82.0715, 96.3536)

Have a look what the booklet for
XYZ(76.4025, 82.0715, 96.3536)
contains.

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Color

**XYZ(76.2973, 81.9916,
96.5987)**

Conversions

Conversions Part 1

Format	Color
Hex	DEECF3
RGB	222, 236, 243
RGB Percent	87%, 93%, 95%
CMY	0.1294, 0.0745, 0.0471
CMYK	0.09, 0.03, 0.00, 0.05
HSL	200°, 47%, 91%
HSV	200°, 9%, 95%
XYZ	76.2973, 81.9916, 96.5987
YIQ	232.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

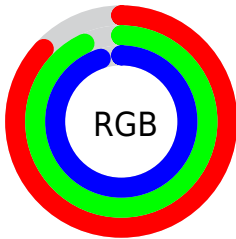
Format	Color
R _Y B	222, 230, 243
Decimal	14609651
CIE Lab	92.57, -3.29, -4.98
CIE LCh	93, 5.974, 236.556
Yxy	81.9916, 0.2993, 0.3217
Android (android.graphics.Color)	4292799731 (0xFFDEECF3)
YUV	232.6120, 5.1213, -9.3067
Hunter-Lab	90.5492, -8.0560, 0.1334

Details

The XYZ color **76.2973, 81.9916, 96.5987** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1666, 80.3666, 80.5010**, and the grayscale version is **77.1309, 81.1477, 88.3699**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2272, 44.4459, 53.4197** is the 20% darker color. If you saturate the color by 10%, you get **67.1066, 73.8735, 95.5174**, and if you desaturate by 10%, it is **86.6711, 90.8809, 97.7690**.

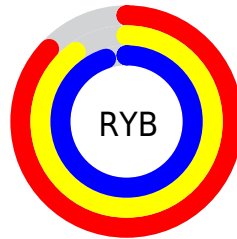
Distribution



Red (87%)

Green (93%)

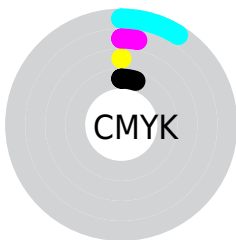
Blue (95%)



Red (87%)

Yellow (90%)

Blue (95%)

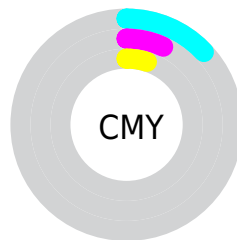


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2973, 81.9916, 96.5987 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 76.2973, 81.9916, 96.5987 by changing the saturation by 10% instead.

■ 76.2973, 81.9916,
96.5987

■ 76.2973, 81.9916,
96.5987

471.2936,
501.6196, 570.3850

■ 56.9742, 61.3586,
72.8621

127.1252,
136.1622, 158.4860

■ 41.2246, 44.5146,
53.3721

159.3607,
170.4686, 197.4737

■ 28.6831, 31.0753,
37.7101

196.6311,
210.1017, 242.3821

■ 18.9843, 20.6562,
25.4577

239.3017,
255.4457, 293.6299

■ 11.7629, 12.8729,
16.1963

287.7379,
306.8851, 351.6356

■ 6.6535, 7.3411,
9.5073

342.3051,

■ 3.2907, 3.6763,

364.8043, 416.8176

4.9722

403.3685,
429.5877, 489.5946

■ 1.3093, 1.4942,
2.1725

■ 0.1902, 0.2846,
0.6584

■ 76.2973, 81.9916,
96.5987

■ 76.2973, 81.9916,
96.5987

■ 67.1066, 73.8735,
95.5174

■ 86.6711, 90.8809,
97.7690

■ 59.0448, 66.4900,
94.5172

■ 92.2902, 97.4757,
98.7458

■ 52.0639, 59.8164,
93.5970

■ 93.1779, 99.2512,
99.0417

■ 46.1095, 53.8226,
92.7539

■ 41.1223, 48.4757,
91.9847

■ 37.0362, 43.7396,
91.2859

■ 33.7763, 39.5732,
90.6535

■ 31.2541, 35.9287,
90.0830

■ 29.3419, 32.7378,
89.5678

Harmonies

Analogous

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



75.2913, 81.9916, 93.1510



76.2973, 81.9916, 96.5987



77.7514, 81.9916, 98.0815

Triad

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



76.2973, 81.9916, 96.5987



80.9478, 81.9916, 89.7893



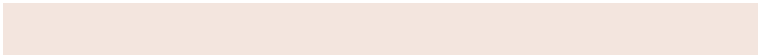
76.6039, 81.9916, 81.8455

Complementary

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



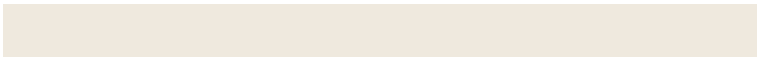
76.2973, 81.9916, 96.5987



78.1666, 80.3666, 80.5010

Split Complementary

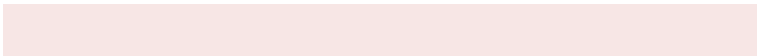
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1100, 81.9916, 81.0119



76.2973, 81.9916, 96.5987



80.6308, 81.9916, 85.5078

Square

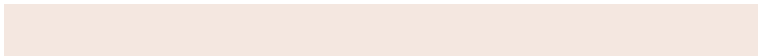
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2973, 81.9916, 96.5987



80.4475, 81.9916, 94.0688



79.5870, 81.9916, 82.3310



75.4666, 81.9916, 84.6467

Rectangle

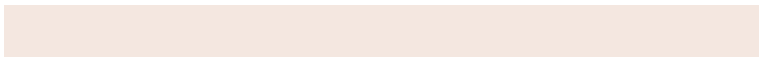
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2973, 81.9916, 96.5987



78.7841, 81.9916, 97.7211



79.5870, 81.9916, 82.3310



77.0832, 81.9916, 81.3300

Sweetspot

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



76.2997, 81.9951, 96.6005



91.4836, 96.9625, 108.5017



76.2701, 85.2698, 86.3129



19.3817, 20.5831, 23.2014



0.0000, 0.0000, 0.0000



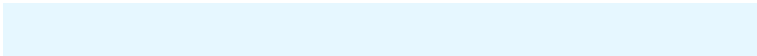
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2997, 81.9951, 96.6005



83.6323, 90.1792, 107.6062



73.4587, 76.3132, 95.6535



16.5045, 17.7732, 21.1033



16.1032, 18.0001, 49.1637



1.5095, 1.7704, 4.3524

Inverse Universe

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



78.2256, 77.3549, 90.1690



86.1100, 84.2606, 99.3207



81.0587, 86.1509, 81.4651



16.9652, 16.6689, 19.5633



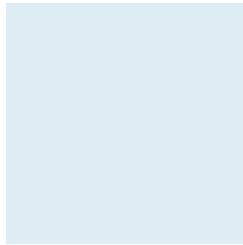
23.9327, 11.9165, 20.1515



2.1510, 1.0664, 2.0215

Previews

White Background



This preview shows how the XYZ color 76.2973, 81.9916, 96.5987 looks on a white background.

Color Contrast Check

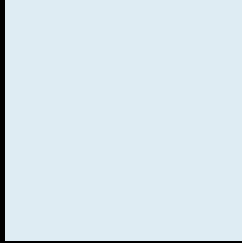
Large Text (above 18pt) WCAG AA × Fail

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 76.2973, 81.9916, 96.5987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

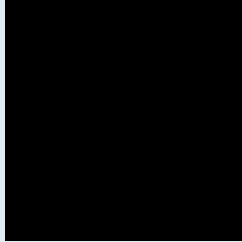
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

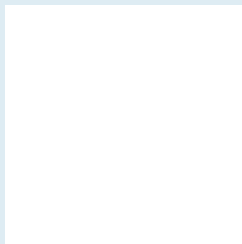
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2973, 81.9916, 96.5987

Background



This preview shows how black text looks on a background with the XYZ color 76.2973, 81.9916, 96.5987.



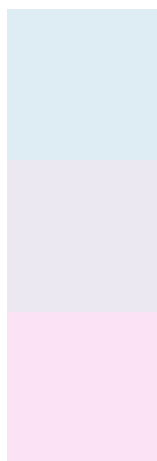
This preview shows how white text looks on a background with the XYZ color 76.2973, 81.9916,

96.5987.

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

76.2973, 81.9916, 96.5987

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

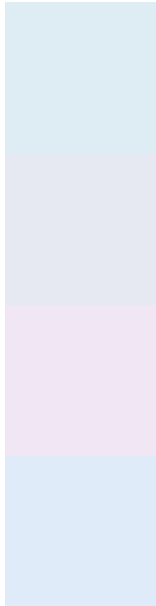
83.4614, 81.4945, 97.7173



Tritanopia

77.8929, 81.7848, 104.6092

Trichromacy



Original Color

76.2973, 81.9916, 96.5987

Protanomaly

77.7991, 81.5116, 95.6373

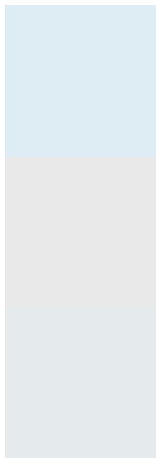
Deuteranomaly

80.5611, 81.6505, 97.1021

Tritanomaly

77.2386, 81.9442, 101.3684

Monochromacy



Original Color

76.2973, 81.9916, 96.5987

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0220, 81.6181, 91.8151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2973, 81.9916, 96.5987 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(222, 236, 243) looks like.

```
.text, #text, p{  
    color:rgb(222, 236, 243)  
}
```

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(222, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 236, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.2973, 81.9916, 96.5987 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(222, 236, 243) }
```


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

```
.border{ border-color:rgb(222, 236, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 236, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(222, 236,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2973, 81.9916, 96.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 236, 243) }
```

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

```
.background{ background-color: rgb(222,  
236, 243) }
```

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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