

Converting Colors

XYZ(76.0827, 81.8773, 97.1792)

Have a look what the booklet for
XYZ(76.0827, 81.8773, 97.1792)
contains.

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Color

**XYZ(76.1434, 81.8947,
97.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEC F4
RGB	221, 236, 244
RGB Percent	87%, 93%, 96%
CMY	0.1333, 0.0745, 0.0431
CMYK	0.09, 0.03, 0.00, 0.04
HSL	201°, 51%, 91%
HSV	201°, 9%, 96%
XYZ	76.1434, 81.8947, 97.3820
YIQ	232.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

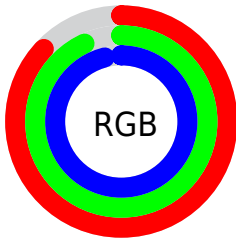
Format	Color
R _{YB}	221, 230, 244
Decimal	14544116
CIE Lab	92.53, -3.42, -5.58
CIE LCh	93, 6.542, 238.476
Yxy	81.8947, 0.2981, 0.3206
Android (android.graphics.Color)	4292734196 (0xFFDDEC F4)
YUV	232.4270, 5.7055, -10.0215
Hunter-Lab	90.4957, -8.1769, -0.4547

Details

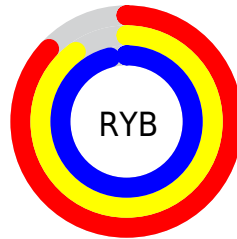
The XYZ color **76.1434, 81.8947, 97.3820** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.3791, 80.4918, 79.8136**, and the grayscale version is **76.9884, 80.9978, 88.2066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1242, 44.3803, 53.9757** is the 20% darker color. If you saturate the color by 10%, you get **66.8633, 73.5725, 96.2660**, and if you desaturate by 10%, it is **86.6240, 91.0125, 98.5908**.

Distribution



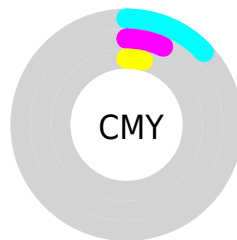
- Red (87%)
- Green (93%)
- Blue (96%)



- Red (87%)
- Yellow (90%)
- Blue (96%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1434, 81.8947, 97.3820 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 76.1434, 81.8947, 97.3820 by changing the saturation by 10% instead.

■ 76.1434, 81.8947,
97.3820

■ 76.1434, 81.8947,
97.3820

470.7753,
501.2954, 572.9409

■ 56.8476, 61.2787,
73.5113

126.9089,
136.0263, 159.5751

■ 41.1225, 44.4502,
53.8998

159.1092,
170.3108, 198.7346

■ 28.6029, 31.0246,
38.1289

196.3418,
209.9202, 243.8275

■ 18.9234, 20.6176,
25.7801

238.9719,
255.2390, 295.2722

■ 11.7186, 12.8447,
16.4350

287.3650,
306.6515, 353.4874

■ 6.6232, 7.3217,
9.6748

341.8863,

■ 3.2718, 3.6641,

364.5421, 418.8915

5.0811

402.9013,
429.2953, 491.9032

■ 1.2991, 1.4875,
2.2353

■ 0.1825, 0.2799,
0.6947

■ 76.1434, 81.8947,
97.3820

■ 76.1434, 81.8947,
97.3820

■ 66.8633, 73.5725,
96.2660

■ 86.6240, 91.0125,
98.5908

■ 58.7285, 66.0084,
95.2348

■ 92.6858, 98.0246,
99.6248

■ 51.6902, 59.1769,
94.2871

■ 93.3294, 99.3117,
99.8393

■ 45.6927, 53.0471,
93.4201

■ 40.6754, 47.5850,
92.6302

■ 36.5709, 42.7534,
91.9140

■ 33.3022, 38.5100,
91.2672

■ 30.7785, 34.8051,
90.6851

■ 28.8580, 31.5629,
90.1605

Harmonies

Analogous

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



75.0029, 81.8947, 93.7036



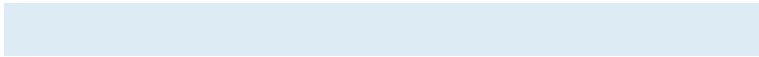
76.1434, 81.8947, 97.3820



77.7516, 81.8947, 98.8496

Triad

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



76.1434, 81.8947, 97.3820



81.1489, 81.8947, 89.4183



76.2917, 81.8947, 81.1981

Complementary

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



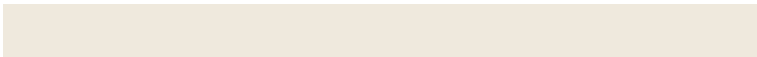
76.1434, 81.8947, 97.3820



78.3791, 80.4918, 79.8136

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.



77.9253, 81.8947, 80.1428



76.1434, 81.8947, 97.3820



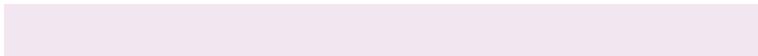
80.7445, 81.8947, 84.7839

Square

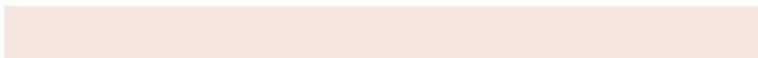
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1434, 81.8947, 97.3820



80.6556, 81.8947, 94.1495



79.5585, 81.8947, 81.4320



75.0877, 81.8947, 84.3681

Rectangle

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



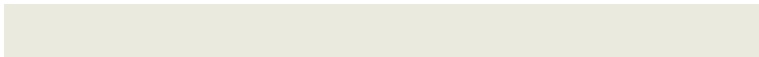
76.1434, 81.8947, 97.3820



78.8780, 81.8947, 98.3376



79.5585, 81.8947, 81.4320



76.8081, 81.8947, 80.5895

Sweetspot

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



76.1458, 81.8981, 97.3838



91.4487, 96.8926, 108.4900



76.2672, 85.7135, 86.4110



19.3722, 20.5642, 23.1982



0.0000, 0.0000, 0.0000



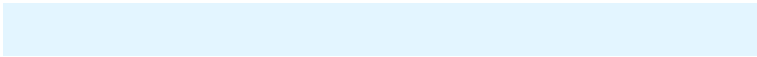
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1458, 81.8981, 97.3838



82.4402, 88.9975, 107.4409



73.0296, 75.6657, 96.3451



16.4835, 17.7313, 21.0963



15.7686, 17.3310, 49.0522



1.4818, 1.7150, 4.3432

Inverse Universe

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



78.3069, 77.0039, 90.0969



85.2147, 82.7785, 98.0711



81.5699, 86.8733, 80.8771



16.9546, 16.6647, 19.5076



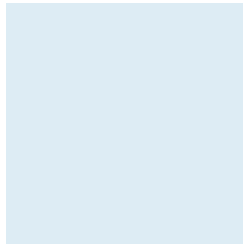
23.7638, 11.8489, 19.2623



2.1370, 1.0608, 1.9478

Previews

White Background



This preview shows how the XYZ color 76.1434, 81.8947, 97.3820 looks on a white background.

Color Contrast Check

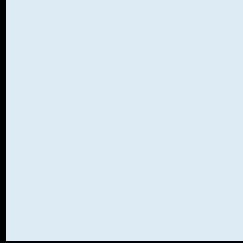
Large Text (above 18pt) WCAG AA × Fail

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 76.1434, 81.8947, 97.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

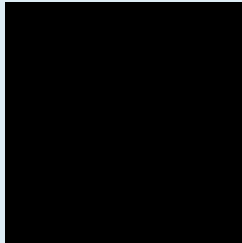
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

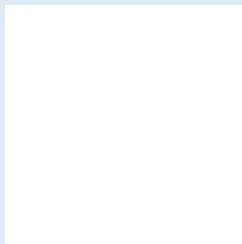
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1434, 81.8947, 97.3820

Background



This preview shows how black text looks on a background with the XYZ color 76.1434, 81.8947, 97.3820.



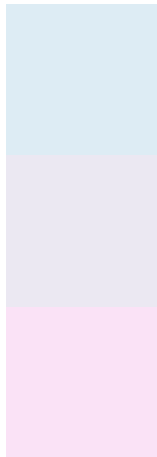
This preview shows how white text looks on a background with the XYZ color 76.1434, 81.8947,

97.3820.

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

76.1434, 81.8947, 97.3820

Protanopia

79.1446, 81.7862, 95.6193

Deuteranopia

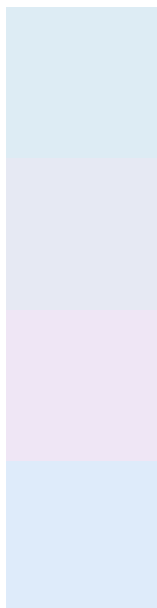
83.2552, 81.3705, 98.5068



Tritanopia

77.8694, 82.1965, 104.6899

Trichromacy



Original Color

76.1434, 81.8947, 97.3820

Protanomaly

77.9497, 81.5719, 96.4306

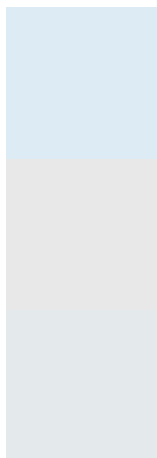
Deuteranomaly

80.3748, 81.5369, 97.8882

Tritanomaly

77.0879, 81.8484, 102.1778

Monochromacy



Original Color

76.1434, 81.8947, 97.3820

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2741, 80.8279, 90.9382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1434, 81.8947, 97.3820 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(221, 236, 244) looks like.

```
.text, #text, p{  
    color:rgb(221, 236, 244)  
}
```

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(221, 236, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 236, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.1434, 81.8947, 97.3820 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(221, 236, 244) }
```


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

```
.border{ border-color:rgb(221, 236, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 236, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 236, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 236, 244); box-shadow:4px 4px 4px 4px rgb(221, 236, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1434, 81.8947, 97.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 236, 244) }
```

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

```
.background{ background-color: rgb(221,  
236, 244) }
```

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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