

Converting Colors

XYZ(73.2749, 81.6378, 87.7259)

Have a look what the booklet for
XYZ(73.2749, 81.6378, 87.7259)
contains.

XYZ(73.0227, 81.3657, 87.4577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0227, 81.3657,
87.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EEE7
RGB	215, 238, 231
RGB Percent	84%, 93%, 91%
CMY	0.1569, 0.0666, 0.0941
CMYK	0.10, 0.00, 0.03, 0.07
HSL	162°, 40%, 89%
HSV	162°, 10%, 93%
XYZ	73.0227, 81.3657, 87.4577
YIQ	230.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

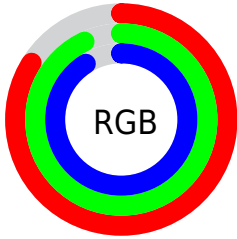
Format	Color
RYB	215, 229, 238
Decimal	14151399
CIELab	92.29, -8.84, 0.80
CIElCh	92, 8.880, 174.823
Yxy	81.3657, 0.3019, 0.3364
Android (android.graphics.Color)	4292341479 (0xFFD7EEE7)
YUV	230.3250, 0.3328, -13.4400
Hunter-Lab	90.2029, -13.3526, 5.6565

Details

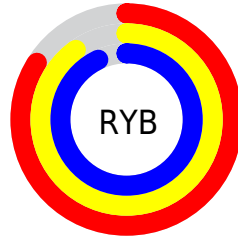
The XYZ color **73.0227, 81.3657, 87.4577** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.7482, 72.0541, 79.1848**, and the grayscale version is **75.4601, 79.3899, 86.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9630, 44.0246, 47.0015** is the 20% darker color. If you saturate the color by 10%, you get **65.5340, 77.6232, 81.8759**, and if you desaturate by 10%, it is **81.5751, 85.6561, 93.3139**.

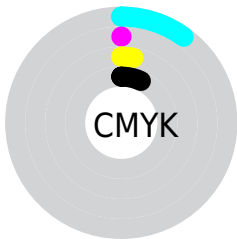
Distribution



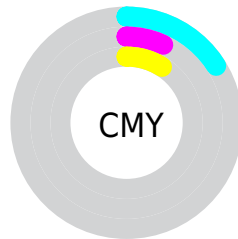
- Red (84%)
- Green (93%)
- Blue (91%)



- Red (84%)
- Yellow (90%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0227, 81.3657, 87.4577 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 73.0227, 81.3657, 87.4577 by changing the saturation by 10% instead.

73.0227, 81.3657,
87.4577

73.0227, 81.3657,
87.4577

460.1961,
499.5235, 540.0809

54.2830, 60.8428,
65.3123

122.5124,
135.2841, 145.7064

39.0595, 44.0983,
47.2614

153.9931,
169.4485, 182.6468

26.9870, 30.7478,
32.8865

190.4514,
208.9288, 225.3558

17.7000, 20.4069,
21.7691

232.2528,
254.1095, 274.2522

10.8332, 12.6912,
13.4906

279.7626,
305.3749, 329.7543

6.0212, 7.2162,
7.6326

333.3462,

2.8988, 3.5977,

363.1094, 392.2808

3.7764

393.3689,
427.6975, 462.2501

■ 1.1005, 1.4512,
1.5035

■ 0.0255, 0.2540,
0.2205

■ 73.0227, 81.3657,
87.4577

■ 73.0227, 81.3657,
87.4577

■ 65.5340, 77.6232,
81.8759

■ 81.5751, 85.6561,
93.3139

■ 59.0578, 74.3956,
76.5583

■ 88.3731, 89.0350,
99.3101

■ 53.5491, 71.6620,
71.5020

■ 89.5044, 89.4875,
105.2675

■ 48.9567, 69.3960,
66.7016

■ 89.8661, 89.6322,
107.1720

■ 45.2242, 67.5686,
62.1519

■ 42.2892, 66.1478,
57.8470

■ 40.0803, 65.0969,
53.7806

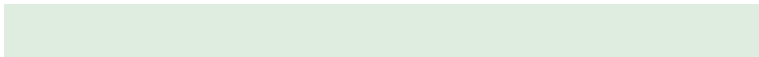
■ 38.5129, 64.3721,
49.9459

■ 37.4492, 63.9026,
46.3334

Harmonies

Analogous

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



73.7838, 81.3657, 81.5088



73.0227, 81.3657, 87.4577



73.3985, 81.3657, 94.0068

Triad

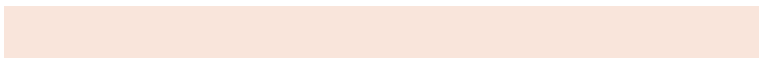
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0227, 81.3657, 87.4577



79.2034, 81.3657, 100.5685



79.9064, 81.3657, 78.6578

Complementary

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



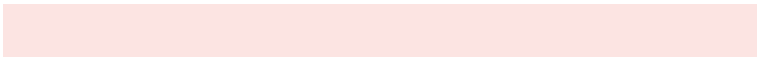
73.0227, 81.3657, 87.4577



72.7482, 72.0541, 79.1848

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.



81.4112, 81.3657, 83.3920



73.0227, 81.3657, 87.4577



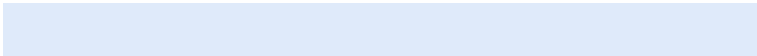
80.9997, 81.3657, 96.0771

Square

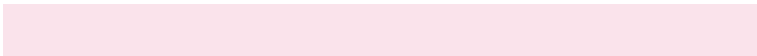
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



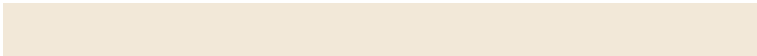
73.0227, 81.3657, 87.4577



76.9381, 81.3657, 101.7881



81.8152, 81.3657, 89.7389



77.7346, 81.3657, 76.5913

Rectangle

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



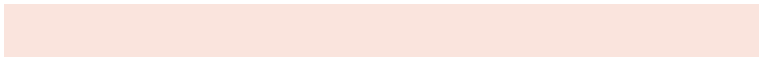
73.0227, 81.3657, 87.4577



74.2471, 81.3657, 97.8061



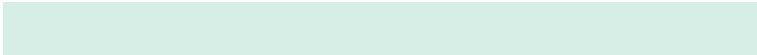
81.8152, 81.3657, 89.7389



80.5087, 81.3657, 79.9782

Sweetspot

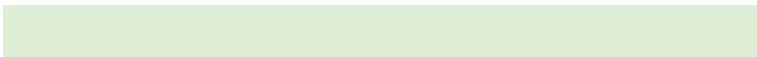
The Sweet Spot groups the original color and five complimentary colors.



73.0250, 81.3691, 87.4595



91.9185, 98.4287, 106.8079



73.0540, 81.6334, 76.1977



19.4994, 20.9801, 22.7426



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.



73.0250, 81.3691, 87.4595



83.2106, 94.0657, 100.7051



72.8208, 79.3457, 92.3702



16.0305, 17.8422, 19.1834



20.9341, 35.6657, 26.0998



1.7856, 2.9847, 2.4032

Inverse Universe

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



72.7482, 72.0541, 79.1848



82.8139, 80.7108, 88.8426



72.9164, 73.8619, 74.7049



15.9709, 15.8381, 17.4030



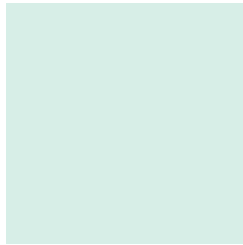
20.3828, 10.4256, 4.6665



1.7383, 0.8844, 0.6127

Previews

White Background



This preview shows how the XYZ color 73.0227, 81.3657, 87.4577 looks on a white background.

Color Contrast Check

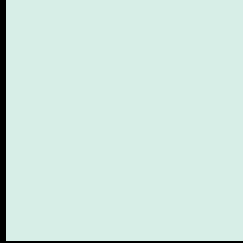
Large Text (above 18pt) WCAG AA × Fail

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 73.0227, 81.3657, 87.4577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

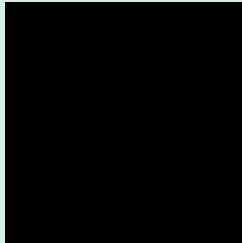
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

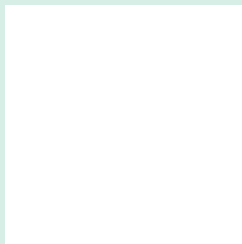
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0227, 81.3657, 87.4577

Background



This preview shows how black text looks on a background with the XYZ color 73.0227, 81.3657, 87.4577.

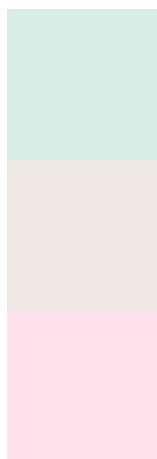


This preview shows how white text looks on a background with the XYZ color 73.0227, 81.3657,

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

73.0227, 81.3657, 87.4577

Protanopia

77.7009, 80.8750, 84.1882

Deuteranopia

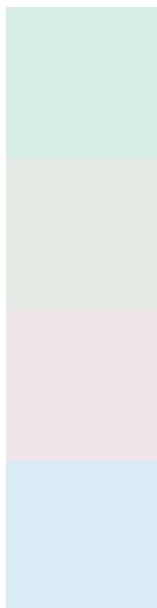
82.6495, 80.8618, 89.0937



Tritanopia

76.6514, 81.5686, 104.6329

Trichromacy



Original Color

73.0227, 81.3657, 87.4577

Protanomaly

76.0595, 81.2701, 85.0767

Deuteranomaly

78.9400, 81.0021, 88.5652

Tritanomaly

75.3903, 81.4889, 98.1416

Monochromacy



Original Color

73.0227, 81.3657, 87.4577

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4732, 79.9985, 86.3790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0227, 81.3657, 87.4577 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, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 231)  
}
```

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, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.0227, 81.3657, 87.4577 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, 238, 231) }
```


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

```
.border{ border-color:rgb(215, 238, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0227, 81.3657, 87.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 231) }
```

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

```
.background{ background-color: rgb(215,  
238, 231) }
```

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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