

Converting Colors

XYZ(72.9881, 81.4309, 78.6965)

Have a look what the booklet for
XYZ(72.9881, 81.4309, 78.6965)
contains.

XYZ(73.1795, 81.6357, 78.9181)	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(73.1795, 81.6357,
78.9181)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEEDB
RGB	221, 238, 219
RGB Percent	87%, 93%, 86%
CMY	0.1333, 0.0666, 0.1412
CMYK	0.07, 0.00, 0.08, 0.07
HSL	114°, 36%, 90%
HSV	114°, 8%, 93%
XYZ	73.1795, 81.6357, 78.9181
YIQ	230.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

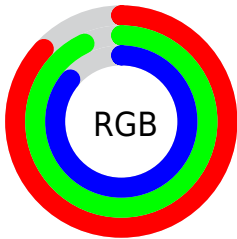
Format	Color
R _Y B	219, 238, 236
Decimal	14544603
CIE Lab	92.41, -9.03, 7.27
CIE LCh	92, 11.593, 141.181
Yxy	81.6357, 0.3131, 0.3493
Android (android.graphics.Color)	4292734683 (0xFFDDEEDB)
YUV	230.7510, -5.7932, -8.5516
Hunter-Lab	90.3525, -13.5437, 11.4601

Details

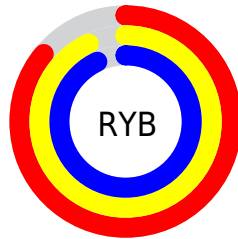
The XYZ color **73.1795, 81.6357, 78.9181** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3594, 74.6712, 91.3343**, and the grayscale version is **75.8163, 79.7646, 86.8637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1547, 44.2432, 41.5981** is the 20% darker color. If you saturate the color by 10%, you get **64.1900, 77.3403, 63.2941**, and if you desaturate by 10%, it is **83.4441, 86.5413, 96.9437**.

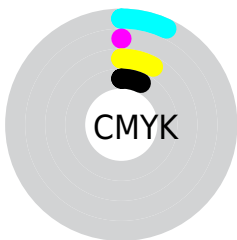
Distribution



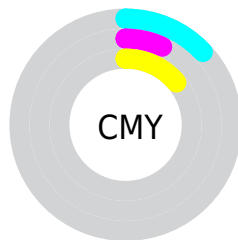
- Red (87%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1795, 81.6357, 78.9181 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 73.1795, 81.6357, 78.9181 by changing the saturation by 10% instead.

■ 73.1795, 81.6357,
78.9181

■ 73.1795, 81.6357,
78.9181

460.7309,
500.4283, 510.8895

■ 54.4116, 61.0653,
58.3076

122.7338,
135.6630, 133.6412

■ 39.1628, 44.2779,
41.6396

154.2509,
169.8887, 168.5908

■ 27.0677, 30.8890,
28.4957

190.7485,
209.4350, 209.1572

■ 17.7609, 20.5144,
18.4574

232.5919,
254.6862, 255.7589

■ 10.8771, 12.7695,
11.1061

280.1465,
306.0267, 308.8144

■ 6.0510, 7.2700,
6.0231

333.7776,

■ 2.9170, 3.6315,

363.8410, 368.7423

2.7901

393.8506,
428.5134, 435.9612

■ 1.1100, 1.4697,
0.9885

■ 0.0335, 0.2672,
0.0000

■ 73.1795, 81.6357,
78.9181

■ 73.1795, 81.6357,
78.9181

■ 64.1900, 77.3403,
63.2941

■ 83.4441, 86.5413,
96.9437

■ 56.4192, 73.6213,
49.9653

■ 89.8661, 89.6323,
107.1720

■ 49.8165, 70.4572,
38.8253

■ 44.3251, 67.8213,
29.7570

■ 39.8837, 65.6848,
22.6327

■ 36.4245, 64.0157,
17.3102

■ 33.8721, 62.7788,
13.6283

■ 32.1397, 61.9333,
11.3968

■ 31.1186, 61.4289,
10.3546

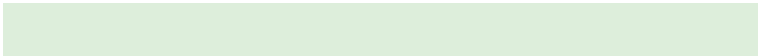
Harmonies

Analogous

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



75.5245, 81.6357, 74.3411



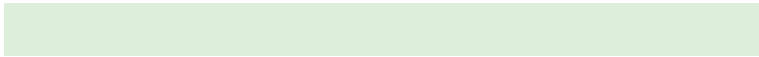
73.1795, 81.6357, 78.9181



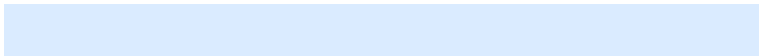
72.0247, 81.6357, 86.3759

Triad

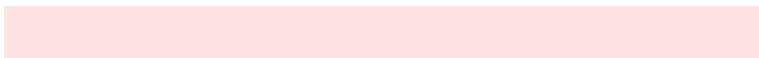
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1795, 81.6357, 78.9181



76.7103, 81.6357, 106.2520



83.1023, 81.6357, 83.0448

Complementary

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



73.1795, 81.6357, 78.9181



75.3594, 74.6712, 91.3343

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.



83.4397, 81.6357, 91.4471



73.1795, 81.6357, 78.9181



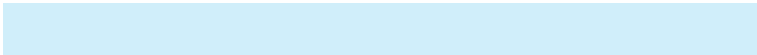
79.6975, 81.6357, 105.2172

Square

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



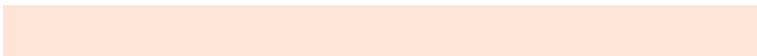
73.1795, 81.6357, 78.9181



74.0284, 81.6357, 102.4054



82.1790, 81.6357, 99.6628



81.2688, 81.6357, 76.6147

Rectangle

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



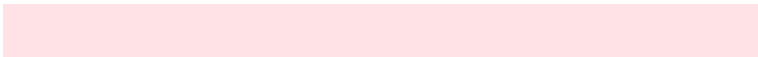
73.1795, 81.6357, 78.9181



72.0640, 81.6357, 92.1330



82.1790, 81.6357, 99.6628



83.3963, 81.6357, 85.7189

Sweetspot

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



73.1818, 81.6392, 78.9199



92.5806, 98.8206, 104.5551



77.9827, 83.1618, 78.9607



19.8419, 21.1640, 22.4246



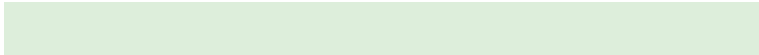
0.0000, 0.0000, 0.0000



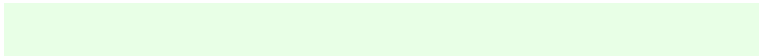
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1818, 81.6392, 78.9199



83.3110, 94.3916, 88.3237



73.5569, 81.7193, 84.0544



15.7202, 17.7359, 16.7445



17.3323, 34.2567, 5.6987



1.4929, 2.8761, 0.4765

Inverse Universe

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



75.3594, 74.6712, 91.3343



86.4676, 84.2904, 106.3201



74.9781, 74.5958, 85.8413



16.2808, 15.9420, 19.9406



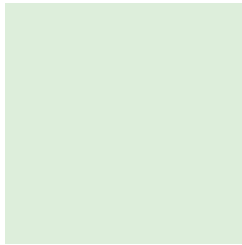
23.9778, 11.3664, 46.0580



2.0414, 0.9696, 3.8338

Previews

White Background



This preview shows how the XYZ color 73.1795, 81.6357, 78.9181 looks on a white background.

Color Contrast Check

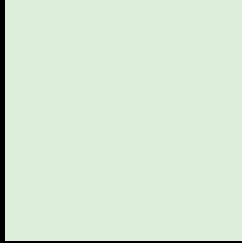
Large Text (above 18pt) WCAG AA × Fail

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 73.1795, 81.6357, 78.9181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

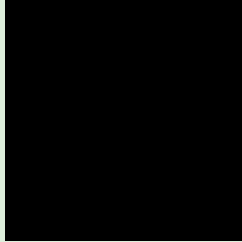
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

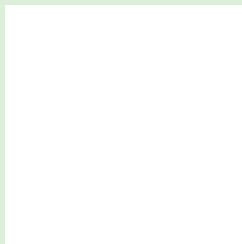
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1795, 81.6357, 78.9181

Background



This preview shows how black text looks on a background with the XYZ color 73.1795, 81.6357, 78.9181.

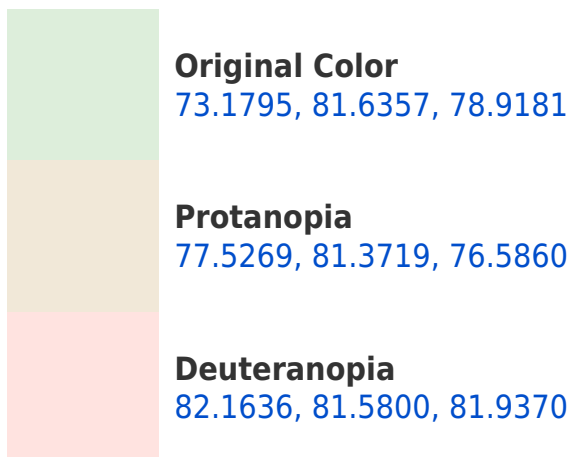


This preview shows how white text looks on a background with the XYZ color 73.1795, 81.6357,

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

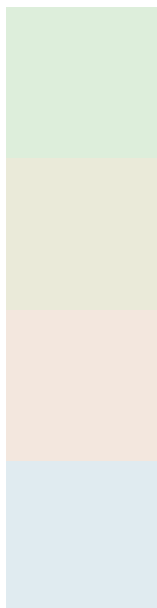




Tritanopia

78.0736, 81.4749, 103.7068

Trichromacy



Original Color

73.1795, 81.6357, 78.9181

Protanomaly

75.8789, 81.3478, 77.3481

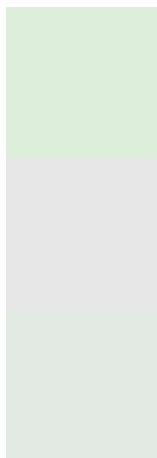
Deuteranomaly

78.7229, 81.4804, 80.6854

Tritanomaly

76.1770, 81.5552, 94.1649

Monochromacy



Original Color

73.1795, 81.6357, 78.9181

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9665, 80.7226, 84.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1795, 81.6357, 78.9181 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, 238, 219) looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 219)  
}
```

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, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.1795, 81.6357, 78.9181 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, 238, 219) }
```


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

```
.border{ border-color:rgb(221, 238, 219) }
```

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

Here you see how a box with a 4 pixel rgb(221, 238, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1795, 81.6357, 78.9181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 219) }
```

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

```
.background{ background-color: rgb(221,  
238, 219) }
```

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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