

Converting Colors

XYZ(72.8088, 80.0685, 82.8263)

Have a look what the booklet for
XYZ(72.8088, 80.0685, 82.8263)
contains.

XYZ(72.8141, 80.0685, 82.8512)	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(72.8141, 80.0685,
82.8512)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEBE1
RGB	220, 235, 225
RGB Percent	86%, 92%, 88%
CMY	0.1372, 0.0784, 0.1176
CMYK	0.06, 0.00, 0.04, 0.08
HSL	140°, 27%, 89%
HSV	140°, 6%, 92%
XYZ	72.8141, 80.0685, 82.8512
YIQ	229.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

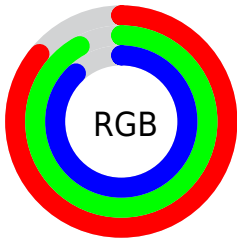
Format	Color
R _Y B	220, 231, 235
Decimal	14478305
CIE Lab	91.72, -6.79, 3.13
CIE LCh	92, 7.472, 155.262
Yxy	80.0685, 0.3089, 0.3397
Android (android.graphics.Color)	4292668385 (0xFFDCEBE1)
YUV	229.3750, -2.1569, -8.2219
Hunter-Lab	89.4810, -11.3395, 7.7396

Details

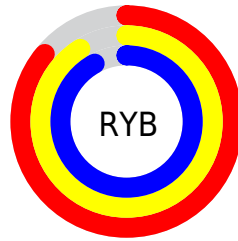
The XYZ color **72.8141, 80.0685, 82.8512** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1400, 74.5637, 85.3513**, and the grayscale version is **74.7726, 78.6666, 85.6679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8928, 43.1418, 44.3075** is the 20% darker color. If you saturate the color by 10%, you get **64.1552, 75.8427, 71.7957**, and if you desaturate by 10%, it is **82.6735, 84.8950, 94.9902**.

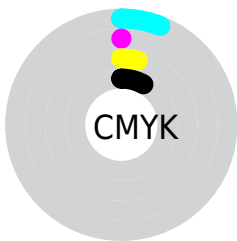
Distribution



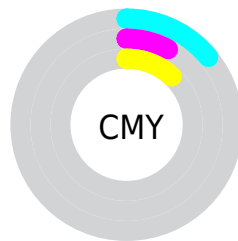
- Red (86%)
- Green (92%)
- Blue (88%)



- Red (86%)
- Yellow (91%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8141, 80.0685, 82.8512 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 72.8141, 80.0685, 82.8512 by changing the saturation by 10% instead.

■ 72.8141, 80.0685,
82.8512

■ 72.8141, 80.0685,
82.8512

459.4840,
495.1637, 524.4485

■ 54.1118, 59.7747,
61.5275

122.2178,
133.4620, 139.2144

■ 38.9221, 43.2371,
44.2177

153.6500,
167.3306, 175.0910

■ 26.8796, 30.0712,
30.5032

190.0561,
206.4928, 216.6556

■ 17.6189, 19.8926,
19.9656

231.8016,
251.3332, 264.3269

■ 10.7748, 12.3170,
12.1862

279.2517,
302.2361, 318.5232

■ 5.9818, 6.9600,
6.7465

332.7720,

■ 2.8745, 3.4371,

359.5859, 379.6633

3.2281

392.7276,
423.7669, 448.1655

■ 1.0878, 1.3639,
1.2122

■ 0.0148, 0.1899,
0.0000

■ 72.8141, 80.0685,
82.8512

■ 72.8141, 80.0685,
82.8512

■ 64.1552, 75.8427,
71.7957

■ 82.6735, 84.8950,
94.9902

■ 56.6435, 72.1840,
61.7889

■ 88.9998, 87.8997,
106.8833

■ 50.2311, 69.0706,
52.8016

■ 44.8646, 66.4755,
44.8013

■ 40.4857, 64.3696,
37.7540

■ 37.0302, 62.7203,
31.6234

■ 34.4258, 61.4912,
26.3711

■ 32.5889, 60.6401,
21.9555

■ 31.4158, 60.1144,
18.3315

Harmonies

Analogous

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



74.0011, 80.0685, 78.8679



72.8141, 80.0685, 82.8512



72.5022, 80.0685, 88.1497

Triad

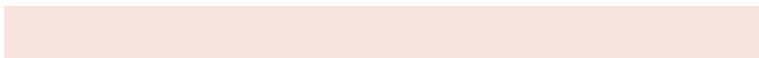
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8141, 80.0685, 82.8512



76.4402, 80.0685, 98.0851



79.1425, 80.0685, 81.2459

Complementary

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



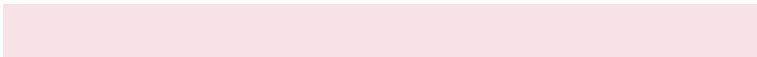
72.8141, 80.0685, 82.8512



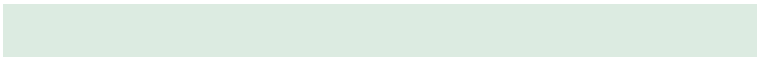
74.1400, 74.5637, 85.3513

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.



79.8205, 80.0685, 86.2194



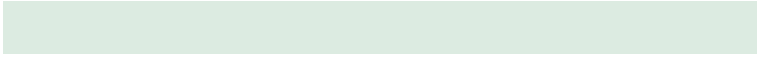
72.8141, 80.0685, 82.8512



78.2437, 80.0685, 96.0586

Square

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



72.8141, 80.0685, 82.8512



74.5755, 80.0685, 97.0918



79.4889, 80.0685, 91.6591



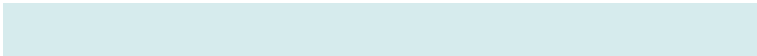
77.6507, 80.0685, 77.9686

Rectangle

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



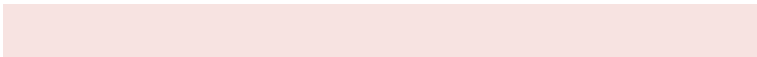
72.8141, 80.0685, 82.8512



72.8279, 80.0685, 91.7494



79.4889, 80.0685, 91.6591



79.4742, 80.0685, 82.7668

Sweetspot

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



72.8163, 80.0719, 82.8530



92.6558, 98.8284, 105.9555



75.3431, 81.4522, 79.4620



19.8572, 21.1656, 22.7098



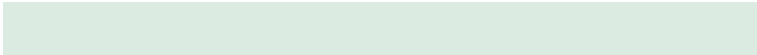
0.0000, 0.0000, 0.0000



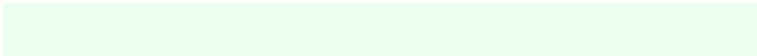
20.3446, 21.4041, 23.3091

Same Dimension

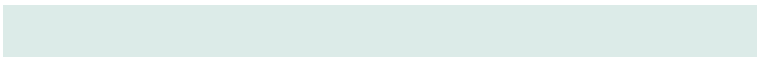
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8163, 80.0719, 82.8530



85.8258, 95.4889, 97.4392



73.8272, 80.4763, 88.1760



15.0754, 16.9450, 17.0798



17.3586, 33.3979, 9.8533



1.4062, 2.6398, 1.0011

Inverse Universe

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



74.1400, 74.5637, 85.3513



87.8085, 87.2377, 101.1815



73.1422, 74.1646, 80.0972



15.4890, 15.2235, 17.8605



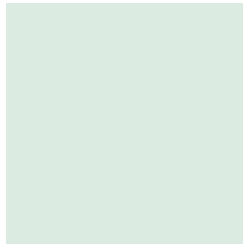
22.5014, 11.2033, 18.9736



1.8112, 0.8974, 1.7232

Previews

White Background



This preview shows how the XYZ color 72.8141, 80.0685, 82.8512 looks on a white background.

Color Contrast Check

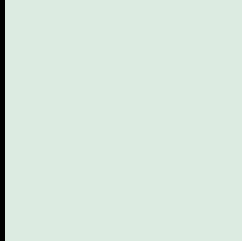
Large Text (above 18pt) WCAG AA × Fail

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 72.8141, 80.0685, 82.8512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

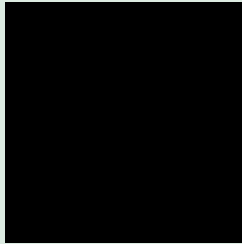
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

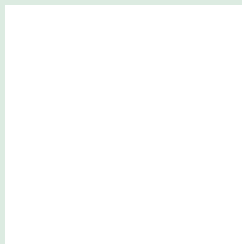
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8141, 80.0685, 82.8512

Background



This preview shows how black text looks on a background with the XYZ color 72.8141, 80.0685, 82.8512.

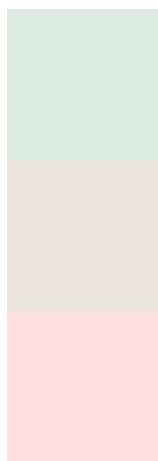


This preview shows how white text looks on a background with the XYZ color 72.8141, 80.0685,

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

72.8141, 80.0685, 82.8512

Protanopia

76.4067, 79.8721, 80.4970

Deuteranopia

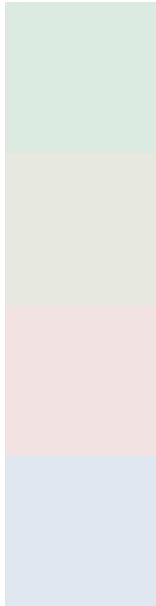
81.4928, 79.5814, 83.7387



Tritanopia

76.5717, 79.9012, 101.8292

Trichromacy



Original Color

72.8141, 80.0685, 82.8512

Protanomaly

75.1309, 80.0299, 81.2995

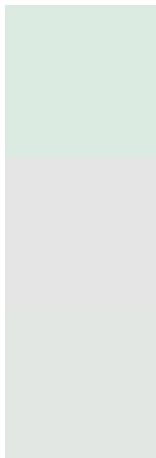
Deuteranomaly

77.8145, 79.3064, 83.1579

Tritanomaly

75.1652, 79.7521, 94.6511

Monochromacy



Original Color

72.8141, 80.0685, 82.8512

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.9435, 78.9220, 84.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8141, 80.0685, 82.8512 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, 235, 225) looks like.

```
.text, #text, p{  
    color:rgb(220, 235, 225)  
}
```

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, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.8141, 80.0685, 82.8512 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, 235, 225) }
```


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

```
.border{ border-color:rgb(220, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(220, 235,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8141, 80.0685, 82.8512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 225) }
```

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

```
.background{ background-color: rgb(220,  
235, 225) }
```

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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