

Converting Colors

XYZ(72.4863, 81.4451, 80.8537)

Have a look what the booklet for
XYZ(72.4863, 81.4451, 80.8537)
contains.

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Color

**XYZ(72.3746, 81.1747,
80.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EEDE
RGB	217, 238, 222
RGB Percent	85%, 93%, 87%
CMY	0.1490, 0.0666, 0.1294
CMYK	0.09, 0.00, 0.07, 0.07
HSL	134°, 38%, 89%
HSV	134°, 9%, 93%
XYZ	72.3746, 81.1747, 80.9610
YIQ	229.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

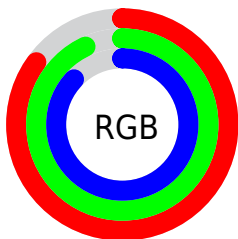
Format	Color
R _Y B	217, 234, 238
Decimal	14282462
CIE Lab	92.21, -9.84, 5.38
CIE LCh	92, 11.211, 151.337
Yxy	81.1747, 0.3086, 0.3461
Android (android.graphics.Color)	4292472542 (0xFFD9EEDE)
YUV	229.8970, -3.8932, -11.3107
Hunter-Lab	90.0970, -14.2813, 9.7900

Details

The XYZ color **72.3746, 81.1747, 80.9610** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7836, 73.6880, 87.3763**, and the grayscale version is **75.1713, 79.0861, 86.1247**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6033, 43.9273, 43.0034** is the 20% darker color. If you saturate the color by 10%, you get **63.5029, 76.8694, 68.5337**, and if you desaturate by 10%, it is **82.5326, 86.1175, 94.8166**.

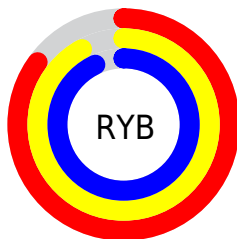
Distribution



Red (85%)

Green (93%)

Blue (87%)



Red (85%)

Yellow (92%)

Blue (93%)

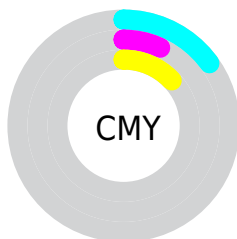


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3746, 81.1747, 80.9610 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 72.3746, 81.1747, 80.9610 by changing the saturation by 10% instead.

■ 72.3746, 81.1747,
80.9610

■ 72.3746, 81.1747,
80.9610

457.9818,
498.8829, 517.9575

■ 53.7513, 60.6855,
59.9787

121.5969,
135.0160, 136.5396

■ 38.6327, 43.9714,
42.9763

152.9266,
169.1370, 171.9729

■ 26.6536, 30.6480,
29.5352

189.2224,
208.5706, 213.0603

■ 17.4485, 20.3310,
19.2370

230.8498,
253.7013, 260.2204

■ 10.6520, 12.6359,
11.6631

278.1741,
304.9135, 313.8716

■ 5.8989, 7.1783,
6.3950

331.5606,

■ 2.8238, 3.5738,

362.5915, 374.4325

3.0141

391.3748,
427.1199, 442.3216

■ 1.0613, 1.4382,
1.1018

■ 0.0000, 0.2446,
0.0000

■ 72.3746, 81.1747,
80.9610

■ 72.3746, 81.1747,
80.9610

■ 63.5029, 76.8694,
68.5337

■ 82.5326, 86.1175,
94.8166

■ 55.8589, 73.1654,
57.4839

■ 89.8661, 89.6322,
107.1720

■ 49.3897, 70.0388,
47.7657

■ 44.0357, 67.4599,
39.3286

■ 39.7321, 65.3964,
32.1188

■ 36.4071, 63.8126,
26.0787

■ 33.9795, 62.6678,
21.1462

■ 32.3545, 61.9145,
17.2530

■ 31.3951, 61.4839,
14.3223

Harmonies

Analogous

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



74.2967, 81.1747, 75.4628



72.3746, 81.1747, 80.9610



71.7247, 81.1747, 88.7578

Triad

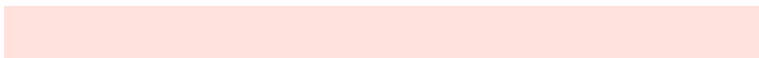
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3746, 81.1747, 80.9610



77.2840, 81.1747, 105.2907



82.0043, 81.1747, 80.3551

Complementary

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



72.3746, 81.1747, 80.9610



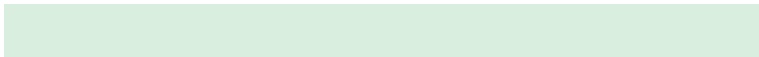
74.7836, 73.6880, 87.3763

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.



82.8509, 81.1747, 88.0142



72.3746, 81.1747, 80.9610



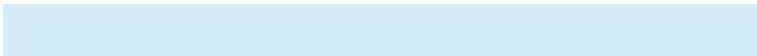
80.0839, 81.1747, 102.7051

Square

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



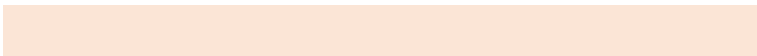
72.3746, 81.1747, 80.9610



74.5162, 81.1747, 103.1166



82.1396, 81.1747, 96.2505



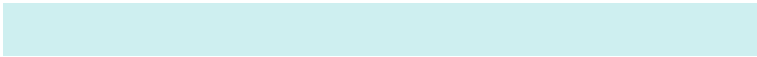
79.8536, 81.1747, 75.1287

Rectangle

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



72.3746, 81.1747, 80.9610



72.0871, 81.1747, 94.3106



82.1396, 81.1747, 96.2505



82.4532, 81.1747, 82.7138

Sweetspot

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



72.3769, 81.1782, 80.9628



91.3669, 98.2081, 103.9031



76.7391, 83.5033, 77.7198



19.3506, 20.9206, 21.9593



0.0000, 0.0000, 0.0000



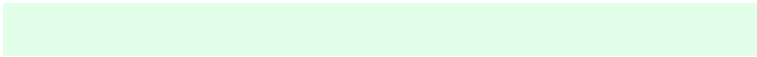
20.3446, 21.4041, 23.3091

Same Dimension

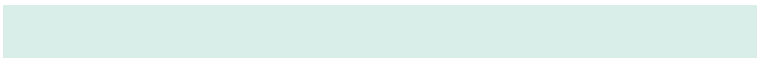
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3769, 81.1782, 80.9628



82.2206, 93.7619, 91.3262



73.8148, 81.7533, 88.5349



15.7201, 17.7181, 17.5491



17.5067, 34.2947, 8.0511



1.4940, 2.8680, 0.8677

Inverse Universe

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



74.7836, 73.6880, 87.3763



85.6887, 82.9682, 100.5674



73.3407, 73.1108, 79.7777



16.2840, 15.9633, 19.0516



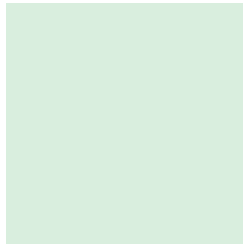
24.3971, 12.0312, 25.8052



2.0679, 1.0162, 2.3482

Previews

White Background



This preview shows how the XYZ color 72.3746, 81.1747, 80.9610 looks on a white background.

Color Contrast Check

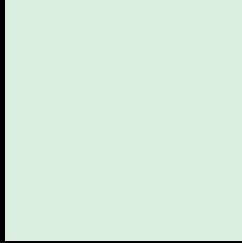
Large Text (above 18pt) WCAG AA × Fail

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 72.3746, 81.1747, 80.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

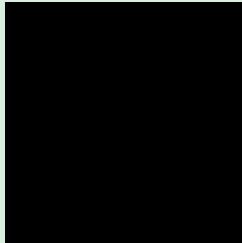
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

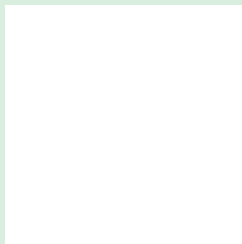
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3746, 81.1747, 80.9610

Background



This preview shows how black text looks on a background with the XYZ color 72.3746, 81.1747, 80.9610.



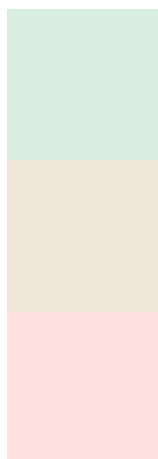
This preview shows how white text looks on a background with the XYZ color 72.3746, 81.1747,

80.9610.

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

72.3746, 81.1747, 80.9610

Protanopia

77.1660, 80.7390, 77.8468

Deuteranopia

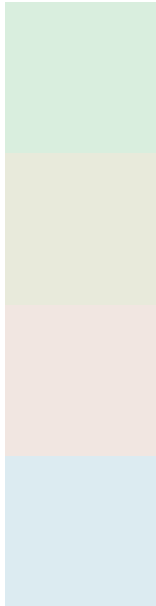
81.8927, 80.6014, 83.1929



Tritanopia

77.1177, 81.4035, 103.7434

Trichromacy



Original Color

72.3746, 81.1747, 80.9610

Protanomaly

75.4877, 81.1159, 78.6961

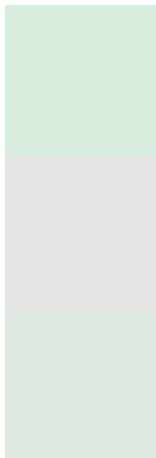
Deuteranomaly

78.1630, 80.7306, 82.6971

Tritanomaly

75.1007, 80.9832, 94.8922

Monochromacy



Original Color

72.3746, 81.1747, 80.9610

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.0554, 79.8314, 84.1789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3746, 81.1747, 80.9610 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(217, 238, 222) looks like.

```
.text, #text, p{  
    color:rgb(217, 238, 222)  
}
```

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(217, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 238, 222) }
```

Border

The CSS property to change the border of an element to XYZ 72.3746, 81.1747, 80.9610 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(217, 238, 222) }
```


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

```
.border{ border-color:rgb(217, 238, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 238, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 238, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 238,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3746, 81.1747, 80.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 238, 222) }
```

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

```
.background{ background-color: rgb(217,  
238, 222) }
```

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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