

Converting Colors

XYZ(66.4290, 73.3703, 73.1331)

Have a look what the booklet for
XYZ(66.4290, 73.3703, 73.1331)
contains.

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Color

**XYZ(66.2314, 73.1432,
72.9146)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E2D4
RGB	212, 226, 212
RGB Percent	83%, 89%, 83%
CMY	0.1686, 0.1137, 0.1686
CMYK	0.06, 0.00, 0.06, 0.11
HSL	120°, 19%, 86%
HSV	120°, 6%, 89%
XYZ	66.2314, 73.1432, 72.9146
YIQ	220.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

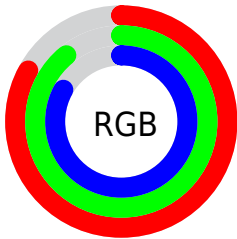
Format	Color
RYB	212, 226, 226
Decimal	13951700
CIELab	88.52, -7.22, 5.22
CIELCh	89, 8.911, 144.117
Yxy	73.1432, 0.3120, 0.3445
Android (android.graphics.Color)	4292141780 (0xFFD4E2D4)
YUV	220.2180, -4.0515, -7.2072
Hunter-Lab	85.5238, -11.4326, 9.3181

Details

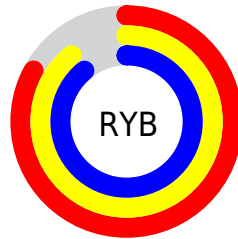
The XYZ color **66.2314, 73.1432, 72.9146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6377, 68.7486, 81.6073**, and the grayscale version is **68.2108, 71.7630, 78.1499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5533, 38.7282, 37.5524** is the 20% darker color. If you saturate the color by 10%, you get **57.5126, 68.9573, 58.6517**, and if you desaturate by 10%, it is **76.2654, 77.9652, 89.3252**.

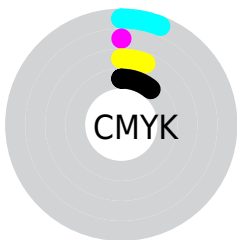
Distribution



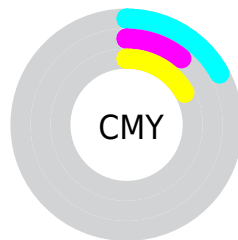
- Red (83%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2314, 73.1432, 72.9146 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 66.2314, 73.1432, 72.9146 by changing the saturation by 10% instead.

■ 66.2314, 73.1432,
72.9146

■ 66.2314, 73.1432,
72.9146

436.6796,
471.5110, 489.7816

■ 48.7287, 54.0931,
53.4147

112.8743,
123.6805, 125.0758

■ 34.6179, 38.6761,
37.7440

142.7451,
155.9364, 158.5741

■ 23.5339, 26.5078,
25.4837

177.4694,
193.3631, 197.5758

■ 15.1111, 17.2039,
16.2155

217.4125,
236.3448, 242.4992

■ 8.9842, 10.3800,
9.5208

262.9397,
285.2661, 293.7629

■ 4.7879, 5.6516,
4.9810

314.4164,

■ 2.1568, 2.6344,

340.5113, 351.7856

2.1776

372.2079,
402.4648, 416.9856

■ 0.7198, 0.9440,
0.6614

■ 0.0000, 0.0000,
0.0000

■ 66.2314, 73.1432,
72.9146

■ 66.2314, 73.1432,
72.9146

■ 57.5126, 68.9573,
58.6517

■ 76.2654, 77.9652,
89.3252

■ 50.0486, 65.3720,
46.4430

■ 86.4878, 82.8755,
106.0459

■ 43.7837, 62.3626,
36.1956

■ 38.6553, 59.8992,
27.8071

■ 34.5954, 57.9490,
21.1663

■ 31.5285, 56.4758,
16.1497

■ 29.3694, 55.4387,
12.6182

■ 28.0187, 54.7899,
10.4089

■ 27.3525, 54.4698,
9.3190

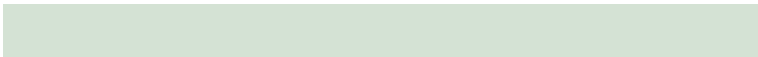
Harmonies

Analogous

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



67.8484, 73.1432, 69.3369



66.2314, 73.1432, 72.9146



65.4972, 73.1432, 78.4357

Triad

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



66.2314, 73.1432, 72.9146



69.0985, 73.1432, 91.9800



73.3539, 73.1432, 74.9101

Complementary

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



66.2314, 73.1432, 72.9146



68.6377, 68.7486, 81.6073

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.



73.7051, 73.1432, 80.8576



66.2314, 73.1432, 72.9146



71.2196, 73.1432, 90.9175

Square

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



66.2314, 73.1432, 72.9146



67.1304, 73.1432, 89.6012



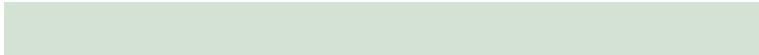
72.9166, 73.1432, 86.7678



71.9665, 73.1432, 70.4468

Rectangle

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



66.2314, 73.1432, 72.9146



65.5961, 73.1432, 82.5569



72.9166, 73.1432, 86.7678



73.5982, 73.1432, 76.7936

Sweetspot

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



66.2334, 73.1463, 72.9162



92.3882, 98.7214, 104.5461



70.4473, 75.3186, 73.1133



19.8027, 21.1438, 22.4228



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.



66.2334, 73.1463, 72.9162



86.0432, 95.6736, 94.1677



67.1362, 73.5074, 77.6700



13.8950, 15.5131, 15.1530



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



68.6377, 68.7486, 81.6073



89.6176, 89.1353, 107.0891



67.6961, 68.3719, 76.6493



14.5159, 14.3773, 17.3977



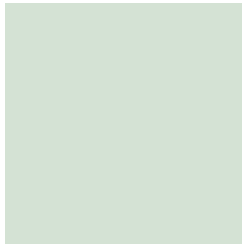
25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 66.2314, 73.1432, 72.9146 looks on a white background.

Color Contrast Check

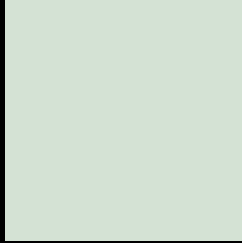
Large Text (above 18pt) WCAG AA × Fail

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 66.2314, 73.1432, 72.9146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

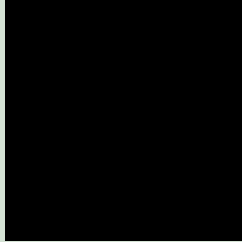
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

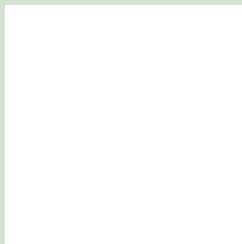
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2314, 73.1432, 72.9146

Background



This preview shows how black text looks on a background with the XYZ color 66.2314, 73.1432, 72.9146.

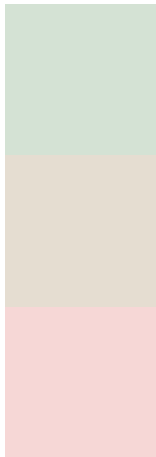


This preview shows how white text looks on a background with the XYZ color 66.2314, 73.1432,

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

66.2314, 73.1432, 72.9146

Protanopia

69.6782, 72.9744, 70.7346

Deuteranopia

74.4441, 73.0487, 73.7945



Tritanopia

70.0202, 73.0735, 92.0755

Trichromacy



Original Color

66.2314, 73.1432, 72.9146

Protanomaly

68.4520, 73.1165, 71.4779

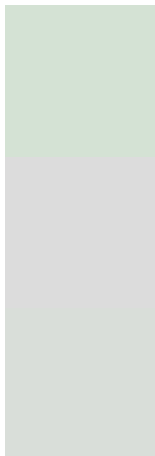
Deuteranomaly

71.2734, 72.9596, 73.2769

Tritanomaly

68.5549, 72.8796, 84.5827

Monochromacy



Original Color

66.2314, 73.1432, 72.9146

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.2609, 72.0040, 75.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2314, 73.1432, 72.9146 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(212, 226, 212) looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 212)  
}
```

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(212, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 212) }
```

Border

The CSS property to change the border of an element to XYZ 66.2314, 73.1432, 72.9146 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(212, 226, 212) }
```


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

```
.border{ border-color:rgb(212, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2314, 73.1432, 72.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 212) }
```

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

```
.background{ background-color: rgb(212,  
226, 212) }
```

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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